



SUMMARY PROSPECTUS

May 1, 2023

TRGOX
TRLGX

T. ROWE PRICE

Large-Cap Growth Fund

Investor Class

I Class

The Securities and Exchange Commission (SEC) has not approved or disapproved these securities or passed upon the adequacy of this prospectus. Any representation to the contrary is a criminal offense.

Before you invest, you may want to review the fund's prospectus, which contains more information about the fund and its risks. You can find the fund's prospectus, shareholder reports, and other information about the fund online at [troweprice.com/prospectus](https://www.troweprice.com/prospectus). You can also get this information at no cost by calling **1-800-638-5660**, by sending an e-mail request to info@troweprice.com, or by contacting your financial intermediary. This Summary Prospectus incorporates by reference the fund's prospectus, dated May 1, 2023, as amended or supplemented, and Statement of Additional Information, dated May 1, 2023, as amended or supplemented.

Investment Objective(s)

The fund seeks to provide long-term capital appreciation through investments in common stocks of growth companies.

Fees and Expenses

This table describes the fees and expenses that you may pay if you buy, hold, and sell shares of the fund. **You may also incur brokerage commissions and other charges when buying or selling shares of the fund, which are not reflected in the table or example below.**

Fees and Expenses of the Fund

	Investor Class	I Class
Shareholder fees (fees paid directly from your investment)		
Maximum account fee	\$20 ^a	—
Annual fund operating expenses (expenses that you pay each year as a percentage of the value of your investment)		
Management fees	0.55 %	0.55 %
Other expenses	0.24	—
Total annual fund operating expenses	0.79	0.55
Fee waiver/expense reimbursement	(0.09) ^b	—
Total annual fund operating expenses after fee waiver/expense reimbursement	0.70^b	0.55

^a Subject to certain exceptions, accounts with a balance of less than \$10,000 are charged an annual \$20 fee.

^b T. Rowe Price Associates, Inc., has contractually agreed (through April 30, 2024) to waive its fees and/or bear any expenses (excluding interest; expenses related to borrowings, taxes, and brokerage; nonrecurring, extraordinary expenses; and acquired fund fees and expenses) that would cause the class' ratio of expenses to average daily net assets to exceed 0.70%. The agreement may only be terminated at any time after April 30, 2024, with approval by the fund's Board of Directors. Fees waived and expenses paid under this agreement (and any applicable prior limitations) are subject to reimbursement to T. Rowe Price Associates, Inc., by the class whenever the class' expense ratio is below 0.70%. However, the class will not reimburse T. Rowe Price Associates, Inc., more than three years from the date such amounts were initially waived or paid. The class may only reimburse T. Rowe Price Associates, Inc., if the reimbursement does not cause the class' expense ratio (after the reimbursement is taken into account) to exceed the class' current expense limitation (or the expense limitation in place at the time the amounts were waived or paid).

Example This example is intended to help you compare the cost of investing in the fund with the cost of investing in other mutual funds. The example assumes that you invest \$10,000 in the fund for the time periods indicated and then redeem all of your shares at the end of those periods, that your investment has a 5% return each year, and that the fund's operating expenses remain the same. The example also assumes that any current expense limitation arrangement remains in place for the period noted in the previous table; therefore, the figures have been adjusted to reflect fee waivers or expense reimbursements only in the periods for which the expense limitation arrangement is expected to continue. Although your actual costs may be higher or lower, based on these assumptions your costs would be:

	1 Year	3 Years	5 Years	10 Years
Investor Class	\$ 72	\$ 243	\$ 430	\$ 970
I Class	56	176	307	689

Portfolio Turnover The fund pays transaction costs, such as commissions, when it buys and sells securities (or “turns over” its portfolio). A higher portfolio turnover rate may indicate higher transaction costs and may result in higher taxes when the fund’s shares are held in a taxable account. These costs, which are not reflected in annual fund operating expenses or in the example, affect the fund’s performance. During the most recent fiscal year, the fund’s portfolio turnover rate was 18.3% of the average value of its portfolio.

Investments, Risks, and Performance

Principal Investment Strategies

The fund will normally invest at least 80% of its net assets (including any borrowings for investment purposes) in the securities of large-cap companies. The fund defines a large-cap company as one whose market capitalization is larger than the median market capitalization of companies in the Russell 1000[®] Growth Index, a widely used benchmark of the largest U.S. growth stocks. As of December 31, 2022, the unweighted median market capitalization of companies in the Russell 1000[®] Growth Index was approximately \$14.07 billion. The market capitalizations of the companies in the fund’s portfolio and the Russell index change over time; the fund will not automatically sell or cease to purchase stock of a company it already owns just because the company’s market capitalization falls below the median market capitalization of companies in the Russell index.

The fund uses a growth style of investing. Accordingly, the adviser looks for companies with an above-average rate of earnings and cash flow growth and a lucrative niche in the economy that gives them the ability to sustain earnings momentum even during times of slow economic growth.

At times, the fund may have a significant portion of its assets invested in the same economic sector, such as the information technology sector.

The fund may, to a limited extent, invest in privately held companies and companies that only recently began to trade publicly.

The fund is “nondiversified,” meaning it may invest a greater portion of its assets in a single issuer and own more of the issuer’s voting securities than is permissible for a “diversified” fund.

Principal Risks

As with any fund, there is no guarantee that the fund will achieve its objective(s). The fund’s share price fluctuates, which means you could lose money by investing in the fund. The principal risks of investing in this fund, which may be even greater in bad or uncertain market conditions, are summarized as follows:

Growth investing The fund’s growth approach to investing could cause it to underperform other stock funds that employ a different investment style. Growth stocks tend to be more

volatile than certain other types of stocks and their prices may fluctuate more dramatically than the overall stock market. A stock with growth characteristics can have sharp price declines due to decreases in current or expected earnings and may lack dividends that can help cushion its share price in a declining market.

Market conditions The value of the fund's investments may decrease, sometimes rapidly or unexpectedly, due to factors affecting an issuer held by the fund, particular industries, or the overall securities markets. A variety of factors can increase the volatility of the fund's holdings and markets generally, including political or regulatory developments, recessions, inflation, rapid interest rate changes, war, military conflict, or acts of terrorism, natural disasters, and outbreaks of infectious illnesses or other widespread public health issues such as the coronavirus pandemic and related governmental and public responses (including sanctions). Certain events may cause instability across global markets, including reduced liquidity and disruptions in trading markets, while some events may affect certain geographic regions, countries, sectors, and industries more significantly than others. Government intervention in markets may impact interest rates, market volatility, and security pricing. These adverse developments may cause broad declines in market value due to short-term market movements or for significantly longer periods during more prolonged market downturns.

Stock investing Stocks generally fluctuate in value more than bonds and may decline significantly over short time periods. There is a chance that stock prices overall will decline because stock markets tend to move in cycles, with periods of rising and falling prices. The value of stocks held by the fund may decline due to general weakness or volatility in the stock markets in which the fund invests or because of factors that affect a particular company or industry.

Nondiversification As a nondiversified fund, the fund has the ability to invest a larger percentage of its assets in the securities of a smaller number of issuers than a diversified fund. As a result, poor performance by a single issuer could adversely affect fund performance more than if the fund were invested in a larger number of issuers. The fund's share price can be expected to fluctuate more than that of a similar fund that is more broadly diversified.

Large-cap stocks Securities issued by large-cap companies tend to be less volatile than securities issued by small- and mid-cap companies. However, large-cap companies may not be able to attain the high growth rates of successful small- and mid-cap companies, especially during strong economic periods, and may be unable to respond as quickly to competitive challenges.

Sector exposure At times, the fund may have a significant portion of its assets invested in securities of issuers conducting business in a broadly related group of industries within the same economic sector. Issuers in the same economic sector may be similarly affected by economic or market events, making the fund more vulnerable to unfavorable developments in that economic sector than funds that invest more broadly.

Information technology sector Information technology companies face intense competition, both domestically and internationally, which may have an adverse effect on their profit margins. Like other technology companies, information technology companies may have

limited product lines, markets, financial resources, or personnel. The products of information technology companies may face obsolescence due to rapid technological developments, frequent new product introduction, unpredictable changes in growth rates, and competition for the services of qualified personnel. Companies in the information technology sector are heavily dependent on patent and intellectual property rights. The loss or impairment of these rights may adversely affect the profitability of these companies.

Convertible securities Convertible securities are subject to risks associated with both equity and fixed income securities, including market risk, credit risk, and interest rate risk. In addition, convertible securities may be called back by the issuer prior to maturity at a price that is disadvantageous to the fund.

Private placements and IPOs Investments in the stocks of privately held companies and in companies that only recently began to publicly trade, such as initial public offerings or IPOs, involve greater risks than investments in stocks of companies that have traded publicly on an exchange for extended time periods. There is significantly less information available about these companies' business models, quality of management, earnings growth potential, and other criteria that are normally considered when evaluating the investment prospects of a company. Private placements and other restricted securities held by the fund are typically considered to be illiquid and tend to be difficult to value since there are no market prices and less overall financial information available. The adviser evaluates a variety of factors when assigning a value to these holdings, but the determination involves some degree of subjectivity and the value assigned for the fund may differ from the value assigned by other mutual funds holding the same security.

Liquidity A particular investment or an entire market segment may become less liquid or even illiquid, sometimes abruptly, which could limit the fund's ability to purchase or sell holdings in a timely manner at a desired price. An inability to sell a portfolio holding can adversely affect the fund's overall value or prevent the fund from being able to take advantage of other investment opportunities. Liquidity risk may be magnified during periods of substantial market volatility and unexpected episodes of illiquidity may limit the fund's ability to pay redemption proceeds without selling holdings at an unfavorable time or at a suitable price. Large redemptions may also have a negative impact on the fund's overall liquidity.

Active management The fund's overall investment program and holdings selected by the fund's investment adviser may underperform the broad markets, relevant indices, or other funds with similar objectives and investment strategies.

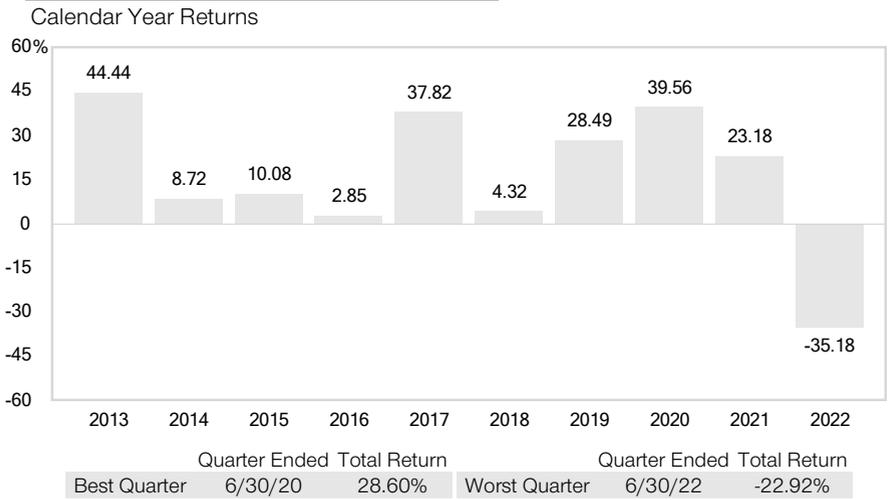
Cybersecurity breaches The fund could be harmed by intentional cyberattacks and other cybersecurity breaches, including unauthorized access to the fund's assets, customer data and confidential shareholder information, or other proprietary information. In addition, a cybersecurity breach could cause one of the fund's service providers or financial intermediaries to suffer unauthorized data access, data corruption, or loss of operational functionality.

Performance

The following performance information provides some indication of the risks of investing in the fund. The fund’s performance information represents only past performance (before and after taxes) and is not necessarily an indication of future results.

The following bar chart illustrates how much returns can differ from year to year by showing calendar year returns and the best and worst calendar quarter returns during those years for the fund’s I Class. Returns for other share classes vary since they have different expenses.

LARGE-CAP GROWTH FUND—I CLASS



The following table shows the average annual total returns for each class of the fund that has been in operation for at least one full calendar year, and also compares the returns with the returns of a relevant broad-based market index, as well as with the returns of one or more comparative indexes that have investment characteristics similar to those of the fund, if applicable.

In addition, the table shows hypothetical after-tax returns to demonstrate how taxes paid by a shareholder may influence returns. After-tax returns are calculated using the historical highest individual federal marginal income tax rates and do not reflect the impact of state and local taxes. Actual after-tax returns depend on an investor’s tax situation and may differ from those shown. After-tax returns shown are not relevant to investors who hold their fund shares through tax-deferred arrangements, such as a 401(k) account or an IRA. After-tax returns are shown only for the I Class and will differ for other share classes.

Average Annual Total Returns

I Class	Periods ended December 31, 2022				Inception date 10/31/2001
	1 Year	5 Years	10 Years	Since inception	
Returns before taxes	-35.18 %	8.35 %	13.85 %	— %	
Returns after taxes on distributions	-35.75	7.38	12.73	—	
Returns after taxes on distributions and sale of fund shares	-20.41	6.49	11.38	—	
Investor Class					05/01/2020
Returns before taxes	-35.28	—	—	5.38	
Russell 1000 [®] Growth Index (reflects no deduction for fees, expenses, or taxes)	-29.14	10.96	14.10	10.51 ^a	
Lipper Large-Cap Growth Funds Index	-32.03	8.91	12.35	6.88 ^a	

^a Return since 5/1/20.

Updated performance information is available through troweprice.com.

Management

Investment Adviser T. Rowe Price Associates, Inc. (T. Rowe Price or Price Associates)

Portfolio Manager	Title	Managed Fund Since	Joined Investment Adviser
Taymour R. Tamaddon	Chair of Investment Advisory Committee	2017	2004

Purchase and Sale of Fund Shares

The Investor Class generally requires a \$2,500 minimum initial investment (\$1,000 minimum initial investment if opening an IRA, a custodial account for a minor, or a small business retirement plan account). Additional purchases generally require a \$100 minimum. These investment minimums generally are waived for financial intermediaries and certain employer-sponsored retirement plans submitting orders on behalf of their customers.

The I Class requires a \$500,000 minimum initial investment per fund per account registration, although the initial investment minimum generally is waived or reduced for financial intermediaries, eligible retirement plans, certain client accounts for which T. Rowe Price or its affiliate has discretionary investment authority, qualifying directly held accounts, and certain other types of accounts.

For investors holding shares of the fund directly with T. Rowe Price, you may purchase, redeem, or exchange fund shares by mail; by telephone (1-800-225-5132 for IRAs and nonretirement accounts; 1-800-492-7670 for small business retirement plans; and

1-800-638-8790 for institutional investors and financial intermediaries); or, for certain accounts, by accessing your account online through [troweprice.com](https://www.troweprice.com).

If you hold shares through a financial intermediary or retirement plan, you must purchase, redeem, and exchange shares of the fund through your intermediary or retirement plan. You should check with your intermediary or retirement plan to determine the investment minimums that apply to your account.

Tax Information

Any dividends or capital gains are declared and paid annually, usually in December. Redemptions or exchanges of fund shares and distributions by the fund, whether or not you reinvest these amounts in additional fund shares, generally may be taxed as ordinary income or capital gains unless you invest through a tax-deferred account (in which case you will be taxed upon withdrawal from such account).

Payments to Broker-Dealers and Other Financial Intermediaries

If you purchase shares of the fund through a broker-dealer or other financial intermediary (such as a bank), the fund and its related companies may pay the intermediary for the sale of fund shares and related services. These payments may create a conflict of interest by influencing the broker-dealer or other intermediary and your salesperson to recommend the fund over another investment. Ask your salesperson or visit your financial intermediary's website for more information.

The fund will normally invest at least 80% of its net assets (including any borrowings for investment purposes) in the securities of large-cap companies. Shareholders will receive at least 60 days' prior notice of a change to the fund's 80% investment policy.

The fund defines a large-cap company as one whose market capitalization is larger than the median market capitalization of companies in the Russell 1000[®] Growth Index, a widely used benchmark of the largest U.S. growth stocks. As of December 31, 2022, the unweighted median market capitalization of companies in the Russell 1000[®] Growth Index was approximately \$14.07 billion. The market capitalizations of the companies in the fund's portfolio and the Russell index change over time; the fund will not automatically sell or cease to purchase stock of a company it already owns just because the company's market capitalization falls below the median market capitalization of companies in the Russell index.

The fund uses a growth style of investing.

T.RowePrice

T. Rowe Price Associates, Inc.
100 East Pratt Street
Baltimore, MD 21202

F1232-045 5/1/23