

# Mackenzie Maximum Diversification US Index ETF

## US Equity

### Compound Annualized Returns 11/30/2022

1 Month	5.2%
3 Months	10.6%
Year-to-date	-6.9%
1 Year	-6.4%
2 Years	1.7%
3 Years	6.7%
5 Years	8.2%
Since inception (Jun. 2016)	9.6%

### Regional Allocation 10/31/2022

<b>CASH &amp; EQUIVALENTS</b>	
Cash & Equivalents	0.1%
<b>OVERALL</b>	
United States	97.8%
China	0.9%
Ireland	0.6%
Peru	0.2%
Israel	0.2%
United Kingdom	0.1%
Netherlands	0.1%
<b>Total</b>	<b>100%</b>

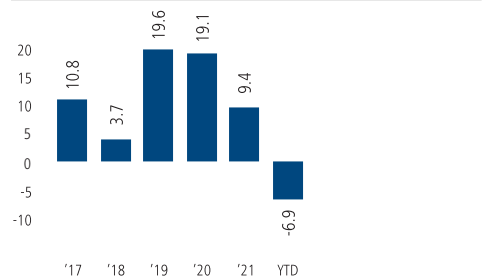
### Sector Allocation 10/31/2022

Health Care	31.4%
Consumer Staples	12.8%
Information Technology	12.5%
Financials	9.8%
Communication Services	9.1%
Consumer Discretionary	8.9%
Real Estate	4.8%
Materials	3.9%
Industrials	3.8%
Energy	2.2%
Utilities	0.7%
Cash & Equivalents	0.1%
<b>Total</b>	<b>100%</b>

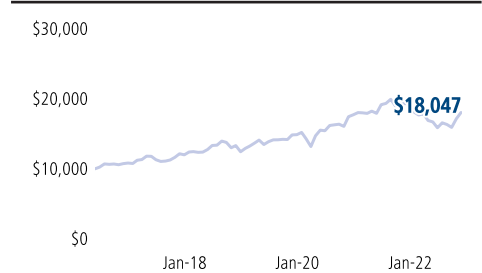
### Index Provider

Mackenzie Maximum Diversification Index ETFs are based on TOBAM Maximum Diversification Index Series created by TOBAM S.A.S. The TOBAM Maximum Diversification Index Series are based on constituents in the Solactive AG Index. TOBAM is a Paris-based index provider and institutional asset manager with AUM of US\$8B.

### Calendar Year Returns (%) 11/30/2022



### Value of \$10,000 invested 11/30/2022



### Major Holdings 11/30/2022

*Major Holdings Represent 16.4% of the fund*

Biogen Inc	2.2%
Moderna Inc	1.8%
Eli Lilly & Co	1.7%
GILEAD SCIENCES	1.7%
Newmont Corp	1.6%
MERCK & CO.	1.6%
Dollar Tree Inc	1.5%
Pfizer Inc	1.5%
KROGER CO	1.4%
ALNYLAM PHARMACEUTICALS I	1.4%

**TOTAL NUMBER OF HOLDINGS: 426**

### Fund Risk Measures

Annual Std Dev	15.2
Annual Std Dev. B'mark	15.2
Alpha	-0.5
Beta	1.0
R-squared	1.0
Sharpe Ratio	0.4

Source: Mackenzie Investments

### Key Fund Data 10/31/2022

Ticker:	MUS
Total Fund Assets:	\$158.34 million
NAVPS (11/30/2022):	\$33.69
CUSIP:	55453M107
Listing Date:	06/21/2016
Index*:	TOBAM Maximum Diversification USA Index
Fund Category:	US Equity
Distribution Frequency:	Quarterly
DRIP Eligibility:	Yes
Management Fee:	0.45%
Distribution Yield:	1.14%
Price/Earnings:	12.10
Price/Book:	2.89

### Why Invest in this fund?

- Seeks to increase diversification to reduce biases and enhance risk adjusted returns.
- Enhances diversification in a US market that historically has a cycle of risk concentrations.
- A proven award-winning diversification methodology exclusively available through mutual funds and ETFs to all retail investors in Canada.

### Risk Tolerance

LOW	MEDIUM	HIGH
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\* The TOBAM Maximum Diversification USA Index is designed to measure the performance of U.S. large and mid capitalization equity securities selected and weighted to enhance diversification. On February 28, 2019, this ETF began to track a version of this index which is calculated net of withholding taxes. Index inception date: February 28, 2019.