

Recombinant Full Length *Saccharomyces Cerevisiae* Iron-Sulfur Clusters Transporter Atm1, Mitochondrial(Atm1) Protein, His-Tagged

Cat. No. RFL19352SF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Saccharomyces cerevisiae</i> Iron-sulfur clusters transporter ATM1, mitochondrial(ATM1) Protein (P40416) (27-690aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	<i>S.cerevisiae</i>
Source	<i>E.coli</i>
ProteinLength	Full Length of Mature Protein (27-690)
Form	Lyophilized powder
AA Sequence	<p>SPVIFTVSKLSTQRPLLFNSAVNLWNQAQKDITHKKSVEQFSSAPKVKTQVKKTSKA PTL SELKILKDLFRYIWPKGNNKVRIRVLIALGLLISAKILNVQVPPFFKQTIDSMNIAW DDP TVALPAAIGLTILCYGVARFGSVLFGELRNAVFAKVAQNAIRTVSLQTFQHLMKL DLGWH LSRQTGGLTRAMDRGTKGISQVLTAMVFHIIPISEISVVCGILTYQFGASFA AITFSTM LLYSIFTIKTTAWRTHFRRDANKADNKAASVALDSLINF EAVKYFNNEKYLA DKYNGSLM NYRDSQIKV/SQSLAFLNSGQNLIFTTALTAMMYMGCTGVIGGNLTVGD LVLINQLVFQLS VPLNFLGSVYRDLKQSLIDMETLFLKRKNEVKIKNAERPLMLPENV PYDITFENVTFGYH PDRKILKNASFTIPAGWKTAIVGSSGSGKSTILKLVFRFYDPES GRILINGRDIKEYDID ALRKVIGVVPQDTPLFNDTIWENVKFRIDATDEEVITVVEKA QLAPLIKKLPQGFDTIV GERGLMISGGEKQRLAIARVLLKNARIMFFDEATSALDTHT</p>

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EQALLRTIRDNFTSGSRSTS VYIAHRLRTIADADKIIVLDNGRVREEGKHLELLAMPGS
LYRELWTIQEDLDHLENELKD QQEL

Purity Greater than 90% as determined by SDS-PAGE.

Applications SDS-PAGE

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.

Storage Buffer Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Reconstitution We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name ATM1

Synonyms ATM1; MDY; YMR301C; YM9952.03C; Iron-sulfur clusters transporter ATM1, mitochondrial

UniProt ID [P40416](https://www.uniprot.org/entry/P40416)

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