

Recombinant Full Length Yarrowia Lipolytica Iron-Sulfur Clusters Transporter Atm1, Mitochondrial(Atm1) Protein, His-Tagged

Cat. No. RFL25454YF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Yarrowia lipolytica Iron-sulfur clusters transporter ATM1, mitochondrial(ATM1) Protein (Q6C6N0) (39-710aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Yarrowia lipolytica
Source	E.coli
ProteinLength	Full Length of Mature Protein (39-710)
Form	Lyophilized powder
AA Sequence	NANHKNVDNINKSPANDAANNAVEKGDKPTTSPEKLATKA EKSSANSVKAAANALG ESNL SNSEQRRLDWIIMK DMLKYIWPKGKTSVKFRVLVAVALLVGAKLLNVQVPFFF KEIIDDM NIEWSATALGVGITALIFS YGAARFGAVLFGELRNAIFASVAQKAIKEVAT NVFRHLLK LDMAFHLSRQTGGITRAIDRGTKGISFVLSSMVFHIIPIALEISLVCGILSY NFGWKYAL VTGATMVSYAIFTITTTSWRTKFRRNANRADNEASNVCLDSLINIEAVK SFGNEGVMVDK YQSALTKEYEKASIKIATSLAFLNSGQNLI FSSALTAMMYMTCCGVA DGSLTVGDLVLVNQ LVFQLSVPLNFLG SVYRDLRQSLLDMGSLFSLQKVAGQIQES PNAKPLQLTNGEIRFENV TYGYHPDRPILKNASFVIPGGLKTAIVGPSGSGKSTILKLA FRFYDTQEGRILIDGQDVR EVTLASLRSAIGVVPQDTPLFND SIMNNIRFGRLEADDK EVENAACAAKLDALVRQLPDG WNTNVGERGMMISGGEKQRLAVARVLLKNSPVVF

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	LDEATSALDTNTERQLLANMDQVLGD KTCVAIAHRLRTVADSDKIICLNQGGVEEEG TQAEALLKDGLYKSMWDAQEQVELGEEGI KEAEEKA AKKDV
Purity	Greater than 90% as determined by 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 mutiple 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; YALI0E08030g; Iron-sulfur clusters transporter ATM1, mitochondrial
UniProt ID	Q6C6N0