

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

Cat. No. RFL11500KF Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Full Length *Kluyveromyces lactis* Iron-sulfur clusters transporter ATM1, mitochondrial(ATM1) Protein (Q6CX96) (37-720aa), fused to N-terminal His tag, was expressed in *E. coli*.

Species *Kluyveromyces lactis*

Source *E.coli*

ProteinLength Full Length of Mature Protein (37-720)

Form Lyophilized powder

AA Sequence

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ISIGCANKTGSRLLRSAGVSSQYKDFRRFNSSSNGNGTDKNASVAPKTEVKKIVPPK
PST NGKSKTPTISELRIMKDLFKYIWPSGDNKVKIRVLIALLIGAKLLNVQVPFFFK
QTID SMNIEWGPDVATVLPVAITMTILSYGAARFGAVMFGELRNAVFVAQNAIRK
VSLQTFQ HLMKLDLGWHLRQGTGGLTRAMDRGTKGISYVLSAMVFHMIPITFEISV
CGILTYQFGS SFAAMTFVTMLLYSFFTFKTTAWRTEFRRSANRADNKAASVALDSL
NFEAVKYFNNEEY LANKYHQSLSKYRDSQIKVAQSLAFLNAGQNFIFTSALTAMMY
MGASGVMEGALTVGDLV LINQLVFQLSVPLNFLGSVYRELKQSLIDMESLFLKQKNP
ILIKNTERPLMLPEHLPCEI KFENVTFGYQPDRNILKNATFTIAPGKKAIVGPPSGSGK
STILRLVFRFYDPQQGRILLD GKDIREDLDELRRIVGVVPQDTPLFNDTIWENVKFG
RINATDNEIVTAIEKAQLSDLIH KLPKGTETIVGERGLMISGGEKQRLAIARVLLKDTPI
    
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MFFDEATSALDTHTEQSLKTIK ENFSDVAKTSVYIAHRLRTIADADKIIVLENGAVRE
EGTHNALLANPNLSLYSELWNIQEN LDMLEDELEDELKLEKEPRTSKKD

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; KLLA0A10131g; Iron-sulfur clusters transporter ATM1, mitochondrial

UniProt ID [Q6CX96](https://www.uniprot.org/entry/Q6CX96)

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