

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

Cat. No. RFL32569EF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Emericella nidulans Iron-sulfur clusters transporter atm1, mitochondrial(atm1) Protein (Q5B1Q2) (18-721aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Emericella nidulans
Source	E.coli
ProteinLength	Full Length of Mature Protein (18-721)
Form	Lyophilized powder
AA Sequence	VSHRPAFPRSNPVSAALGGTQFRKLSVKTQTDKNTLSDKKTAEADTSSSSSSAKSA APSQ QKTQNATTAQKNLLSESTVANKEQRKADWAIMREMAKYLWPKGDWGTKLR VGTALLLVG AKVLNVEVPFYFKSIVDSMNVDFAAVGGTAYTVAGSMIIAYGATRIGA TFFQELRNAVFA SVAQKAIRKVARNVFEHLLRLDLNFHLSRQTGGLTRAIDRGTKGI SFLTSMVFHVPTA LEISLVCGILTHQYGKFAAITATTMLAYSFTIATTAWRTKFR KQANAADNRGATVAVD SLINYEAVKYFNNEKFEVARYDKALKAYEDASIKVTTSLAF LNSGQNMIFSSALAAMMYL AADGVATGSLTVGDLVMVNQLVFLSVPLNFLGVSYR ELRQSLLDMETLFNLQKVNVIK EKPDAKPLELKQGGQIRFENVTFGYHPERPILKN ASFTIPAGQKFAIVGPSGCGKSTILR LLFRYYDVQEGRLVDGQDIRHVTIESLRKAIG VVPQDTPLFNDTIEHNIRYGRLDASDE EVRKAARRAHIHELVERLPEGYRTAVGERG

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MMISGGEKQRLAISRLLLKDPQLLFFDEAT SALDTYTEQALMQNINSILKEKGRTSVF
VAHRLRTIYDCDQILVLKDGQVAELGSHRELL DLDGIYAELWSAQETSLAQDPEYER
NAGLEGETAGEVEDKAPRQ

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; AN5528; Iron-sulfur clusters transporter atm1, mitochondrial

UniProt ID [Q5B1Q2](#)

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