

Recombinant Full Length Neurospora Crassa Iron-Sulfur Clusters Transporter Atm-1, Mitochondrial(Atm-1) Protein, His-Tagged

Cat. No. RFL8627NF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Neurospora crassa Iron-sulfur clusters transporter atm-1, mitochondrial(atm-1) Protein (Q7RX59) (19-716aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Neurospora Crassa
Source	E.coli
ProteinLength	Full Length of Mature Protein (19-716)
Form	Lyophilized powder
AA Sequence	GTSALLRRPRLWAPRLSSIHATPTIANLRASFTTSSPRLFAPNGSAKDESKPAVSTVP KT TGRGPSDPLAAIDKTAQEQRKADWAIMKEMSKYLWPKGSWGDKARVLLAIGLLV GGKVLN VQVPFYFREIVDSL NIDFSTTGGSVTAVAGAMILGYGAARVGAVVSQELR NAVFASVAQK AIRKVARNTFEHLLNLDLSFHLSKQTGGLTRAIDRGTKGISFLLTSMV FHIVPTALEISM VCGILTYNFGWQYAALTALTMVSYTAFTILTAWRTKFRRQANAAD NKASTIAVDSLINY EAVKYFNNEAYEVGRYDKALAQYEKNSIKVATSLAFLNSGQNIIF SSALTVMMYMGAHGV ATGQLTVGDLVLINQLVFQLSVPLNFLGVSRYRELRSLLDM ETLFLNLQKVNVTIKEQPNA KPLTLTRGGEIEFKDVTFGYHPESPILRDLSTIPAGKKV AIVGPSGCGKSTLLRLLFRF YDPQKGAIYIDGQDIRSVTLESLRRAIGVVPQDTPLFN DTVEHNIRYGNLSATPEQVIEA AKAHHIHEKIISWRDGYNTKVGERGLMISGGEKQR

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LAVSRILKDPPLLFFDEATSALDT HTEQALMENINAILKGLGQKGEKKTSLFVAHRL
RTIYDSDLIIVLKEGRVAEQGTHRELM ERNGVYAQLWRAQEMLMTEEGEVSKKGEK
EEVGEKKEA

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 fes-4

Synonyms fes-4; atm1; NCU05029; Iron-sulfur clusters transporter atm1, mitochondrial; Iron-sulfur protein 4

UniProt ID [Q7RX59](#)

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