

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

Cat. No. RFL15735GF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Gibberella zeae Iron-sulfur clusters transporter ATM1, mitochondrial(ATM1) Protein (Q4HVV7) (24-698aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Gibberella zeae
Source	E.coli
ProteinLength	Full Length of Mature Protein (24-698)
Form	Lyophilized powder
AA Sequence	STTSQQRPGLTQTFWTSAPRREQPRTPTDSKPTTTKPSAVFPANKKATKQNDPLVT VEKS APEQRKADWAIMKEMTRYLWPKDDWGTLRVSLAVSLLIGAKVLNVQVPFYF KSIVDSMN IDVAAVGGTATTVAGAMILAYGASRIGATVFQELRNAVFASVAQNAIRKV ACNVFDHLLR LDLTFHLSKQTGGLTRALDRGTKGISFILSSMVFHVLPPTALEISMVCG ILTYNYGAKFAA LTVLTMVSYTAFTIWTAWRTKFRRQANAADNKASTVAVDSLINY EAVKYFNNEKFEVAR YDKALGQYEKNSIKVATSLALLNSGQNIIFSSALTGMMYLAA NGVAEGTLTVGDLVMVNQ LVFQLSVPLNFLGSVYRELRLQSLDMETLFLNLQKVNAN IKEKAGAKPLVLSKGGEIKFEN VNFAYHPNRPILRDLSTIPAGKKVAVVGPSCGKGS TLLRLLFRSYDVQGGRLIDDQDI RDVDLESLRRSIGVVPQDTPLFNDTVEHNIRYGS INATHEEVAVAKRAHVHNTIQSFPD GYETKVGGERGLMISGGEKQRLAVSRILLKDP PLFFDEATSALDTHTEQALMMNINSILR ERGRTSVFVAHRLRTIFDSDLIIVLKEGHV

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	AEMGTHRELIDRDGVYaelWSAQETMFGED GKEKSEEENDEQKKN
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; FGRAMPH1_01T20779; FGRRES_10911_M; FGSG_10911; Iron-sulfur clusters transporter ATM1, mitochondrial
UniProt ID	Q4HVVU7

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