

# Recombinant Full Length *Gibberella Zeae* Iron-Sulfur Clusters Transporter Atm1, Mitochondrial(ATM1) Protein, His-Tagged

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

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length <i>Gibberella zeae</i> Iron-sulfur clusters transporter ATM1, mitochondrial(ATM1) Protein (Q4HVV7) (24-698aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
<b>Species</b>	<i>Gibberella zeae</i>
<b>Source</b>	<i>E. coli</i>
<b>Protein Length</b>	Full Length of Mature Protein (24-698)
<b>Form</b>	Lyophilized powder
<b>AA Sequence</b>	<p>STTSQQRPGLTQTFWTSAPRREQPRTPTDSKPTTTKPSAVFPANKKATKQNDPLVT  VEKS APEQRKADWAIMKEMTRYLWPKDDWGTKLRVSLAVSLIGAKVLNVQVPFYF  KSIVDSMN IDVAAVGGTATTVAGAMILAYGASRIGATVFQELRNAVFASVAQNAIRKV  ACNVFDHLLR LDLTFHLSKQTGGLTRALDRGKGISFILSSMVFHVLPPTALEISMVCG  ILTNYNGAKFAA LTVLTMVSYTAFTIWTAWRTKFRQANAADNKASTVAVDLNY  EAVKYFNNEKFEVAR YDKALGQYEKNSIKVATSLALLNSGQNIIFSSALTGMMYLAA  NGVAEGTLTVGDLVMVNQ LVFQLSVPLNFLGSVYRELRSLLDMETLFLNLQKVNAN  IKEKAGAKPLVLSKGGEIKFEN VNFAYHPNRPILRDLSTIPAGKKVAVVGPSPGCGKS  TLLRLLFRSYDVQGGRLIDDQDI RDVDLESLRRSIGVVPQDTPLFNDTVEHNIRYGS  INATHEEVAVAKRAHVHNTIQSFPD GYETKVGGERGLMISGGEKQRLAVSRILLKDP  PLFFDEATSALDTHTEQALMMNINSILR ERGRTSVFVAHRLRTIFDSDLIIVLKEGHV</p>

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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 multiple 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** [Q4HVV7](https://www.uniprot.org/entry/Q4HVV7)

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