Recombinant Mouse Atm protein, His & T7-tagged

Cat. No. Atm-6853M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Atm aa. (Ile486~Ser742 (Accession # Q62388)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Ile486~Ser742
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 32.4kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.1.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

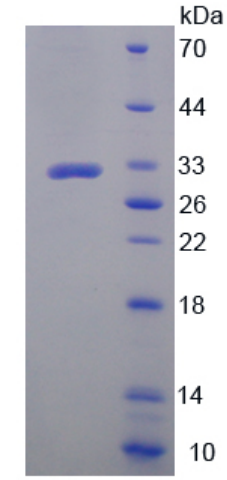
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	Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Atm ataxia telangiectasia mutated [Mus musculus (house mouse)]
Official Symbol	Atm
Synonyms	AI256621; C030026E19Rik; A-T mutated homolog; ataxia telangiectasia gene mutated in human beings; ataxia telangiectasia mutated homolog; serine-protein kinase ATM
Gene ID	11920
mRNA Refseq	NM_007499.2
Protein Refseq	NP_031525.2
UniProt ID	Q62388

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SDS-PAGE	 15% SDS-PAGE

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