Recombinant Mouse Mtx1 protein, His & T7-tagged

Cat. No. Mtx1-7969M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Mtx1 aa. (Ile70~Val203 (Accession # P47802)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Ile70~Val203
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 19.5kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.2.
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

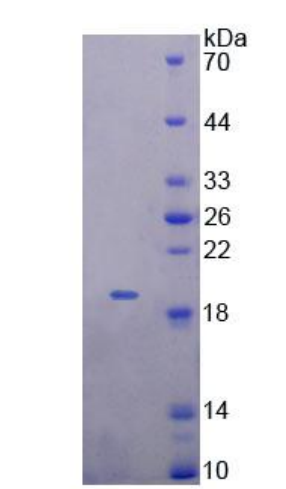
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	Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Reconstitution	Reconstitute in sterile ddH2O.

GENE INFORMATION

Gene Name	Mtx1 metaxin 1 [Mus musculus (house mouse)]
Official Symbol	Mtx1
Synonyms	Mtx; Gcap6; mitochondrial outer membrane import complex protein 1; metaxin-1
Gene ID	17827
mRNA Refseq	NM_001161824.1
Protein Refseq	NP_001155296.1
UniProt ID	P47802

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SDS-PAGE	 15% SDS-PAGE

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