Recombinant Human MTX1 protein, His & T7-tagged

Cat. No. MTX1-7968H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MTX1 aa. (Val175~Leu387 (Accession # Q13505)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Val175~Leu387
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 28.2kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 8.4.
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

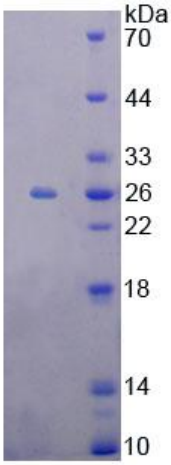
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	Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage 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 [Homo sapiens (human)]
Official Symbol	MTX1
Synonyms	MTX; MTXN; mitochondrial outer membrane import complex protein 1; metaxin-1
Gene ID	4580
mRNA Refseq	NM_002455.4
Protein Refseq	NP_002446.3
UniProt ID	Q13505

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SDS-PAGE	 15% SDS-PAGE

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