

Recombinant Human MTX2 Protein, His-tagged

Cat. No. MTX2-2460H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MTX2 Protein (Met1-Ser263) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Ser263
Description	The protein encoded by this gene is highly similar to the metaxin 2 protein from mouse, which has been shown to interact with the mitochondrial membrane protein metaxin 1. Because of this similarity, it is thought that the encoded protein is peripherally associated with the cytosolic face of the outer mitochondrial membrane, and that it is involved in the import of proteins into the mitochondrion. Alternative splicing results in multiple transcript variants. A related pseudogene has been identified on chromosome 7.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 33.5 kDa Accurate Molecular Mass: 34 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 90%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	MTX2 metaxin 2 [Homo sapiens (human)]
Official Symbol	MTX2
Synonyms	MTX2; metaxin 2; metaxin-2; mitochondrial outer membrane import complex protein 2; MGC111067;
Gene ID	10651
mRNA Refseq	NM_006554
Protein Refseq	NP_006545
MIM	608555

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UniProt ID

O75431

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