

## Recombinant Mouse Mfn1 protein, His & T7-tagged

Cat. No. Mfn1-7950M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Mfn1 aa. (Met1~Ile234 (Accession # Q811U4)) fused with N-terminal His & T7 tag was produced in E. coli cells.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Met1~Ile234
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 29.8kDa.
<b>Endotoxin</b>	<1.0EU per 1ug (determined by the LAL method)
<b>Purity</b>	>95%
<b>Characteristic</b>	The isoelectric point is 6.0.
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP.
<b>Stability</b>	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 ddH<sub>2</sub>O.

## GENE INFORMATION

**Gene Name**

Mfn1 mitofusin 1 [ *Mus musculus* (house mouse) ]

**Official Symbol**

Mfn1

**Synonyms**

Mfn1; mitofusin 1; HR2; mKIAA4032; D3Ert265e; 2310002F04Rik; 6330416C07Rik; mitofusin-1; transmembrane GTPase MFN1

**Gene ID**

67414

**mRNA Refseq**

NM\_024200.4

**Protein Refseq**

NP\_077162.2

**UniProt ID**

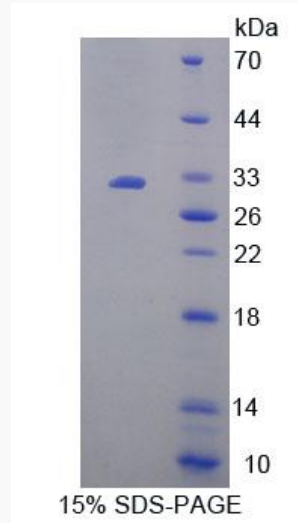
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**SDS-PAGE**



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