

## Recombinant Mouse Mstn protein, His-tagged

Cat. No. Mstn-1753M    Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Mstn aa. (Asp268~Ser376) fused with N-terminal His tag was produced in E. coli cells.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Asp268~Ser376
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	15kDa as determined by SDS-PAGE reducing conditions.
<b>Endotoxin</b>	<1.0EU per 1ug (determined by the LAL method)
<b>Purity</b>	>95%
<b>Characteristic</b>	The isoelectric point is 6.5.
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.
<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.

**Concentration**

200ug/mL

**Storage buffer**

10mM PBS, pH7.4, containing 1mM DTT, 5% trehalose 0.01% sarcosyl and Proclin300.

**Reconstitution**

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

## GENE INFORMATION

**Gene Name**

Mstn myostatin [ *Mus musculus* (house mouse) ]

**Official Symbol**

Mstn

**Synonyms**

Mstn; myostatin; Cmpt; Gdf8; growth/differentiation factor 8

**Gene ID**

17700

**mRNA Refseq**

NM\_010834.3

**Protein Refseq**

NP\_034964.1

**UniProt ID**

O08689

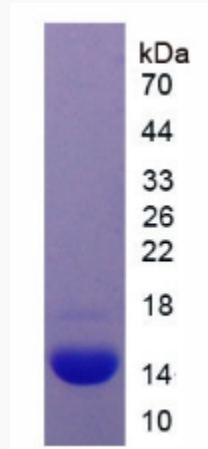
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SDS-PAGE



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