

Recombinant Mouse Masp1 protein, His-tagged

Cat. No. Masp1-1943M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Masp1 aa. (His25~Arg453) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	His25~Arg453
Form	Freeze-dried powder
Molecular Mass	53kDa as determined by SDS-PAGE reducing conditions
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 92%
Characteristic	The isoelectric point is 5.1.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Reporter Assays; Purification; Amine Reactive Labeling.
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.

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(Referring from China Biological Products Standard, which was calculated by the 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	200µg/mL
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex

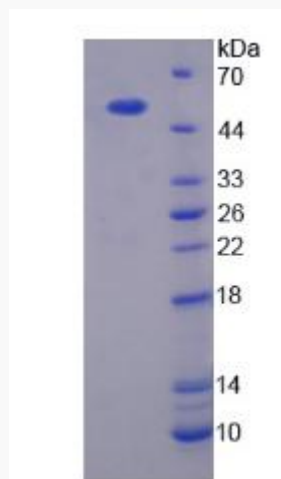
GENE INFORMATION

Gene Name	Masp1 mannan-binding lectin serine peptidase 1 [Mus musculus (house mouse)]
Official Symbol	Masp1
Synonyms	myosin-If; unconventional myosin-If
Gene ID	17174
mRNA Refseq	NM_008555.2
Protein Refseq	NP_032581.2
UniProt ID	P98064

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SDS-PAGE

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