

## Recombinant Mouse MASP2 Protein (20-685 aa), His-tagged

Cat. No. MASP2-2795M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse MASP2 Protein (20-685 aa) is produced by Baculovirus expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Cardiovascular. Protein Description: Partial.
<b>Species</b>	Mouse
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	20-685 aa
<b>Description</b>	Serum protease that plays an important role in the activation of the complement system via mannose-binding lectin. After activation by auto-catalytic cleavage it cleaves C2 and C4, leading to their activation and to the formation of C3 convertase (By similarity).
<b>Form</b>	Tris-based buffer,50% glycerol
<b>Molecular Mass</b>	75.4 kDa
<b>AA Sequence</b>	SKWPEPVFGRLVSPGFPEKYADHQDRSWTLTAPPGYRLRLYFTHFDLELSYRCEYD FVKLSSGTKVLATLCGQESTDTEQAPGNDFYSLGPSLKVTFHSDYSNEKPFTGFEA FYAAEDVDECRVSLGDSVPCDHYCHNYLGGYYCSCRAGYVLHQNKHTCSALCSGQ VFTGRSGYLSSPEYPQPYPKLSSCTYSIRLEDGFSVILDFVESFDVETHPEAQCPYD SLKIQTDKGEHGPFCKLPPRIETDSHKVTITFATDESGNHTGWKIHYTSTARPCPD PTAPPNGSISPVQAIYVLKDRFSVFCKTGFELLQGSVPLKSFTAVCQKDGSDWRPM

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PECSIIDCGPPDDL PNGHV DYTIGPEVTTYKAVIQYSCEETFYTMSSNGKYVCEADG  
 FWTSSKGEKLPPVCEPVCGLSTHTIGGRIVGGQPAKPGDFPWQVLLLGQTTAAAGA  
 LIHDNWVLTAHAVYEKRMAASSLNIRMGILKRLSPHYTQAWPEEIFIHEGYTHGAGF  
 DNDIALIKLKNKVTINGSIMPVCLPRKEAASLMRTDFTGTVAGWGLTQKGLLARNLMF  
 VDIPIADHQKCTAVYEKLYPGVRV SANMLCAGLETGGKDCSRGDSGGALVFLDNET  
 QRWFVGGIVSWGSINCGAADQYGVYTKVINIYIPWIENIISNF

<b>Purity</b>	> 90% as determined by SDS-PAGE.
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
<b>Concentration</b>	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

## GENE INFORMATION

<b>Gene Name</b>	Masp2 mannan-binding lectin serine peptidase 2 [ <i>Mus musculus</i> ]
<b>Official Symbol</b>	MASP2
<b>Synonyms</b>	MASP2; mannan-binding lectin serine protease 2; MBL-associated serine protease 2; MAp19; MASP-2;
<b>Gene ID</b>	17175

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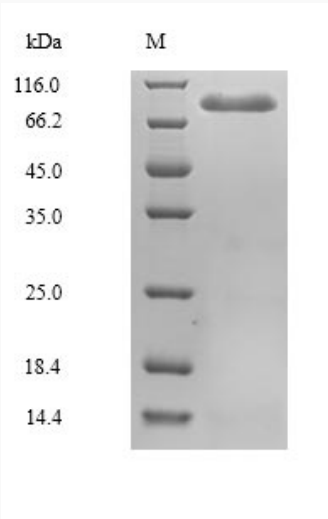
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mRNA Refseq [NM\\_001003893](#)

Protein Refseq [NP\\_001003893](#)

UniProt ID [Q91WP0](#)



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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