



# Recombinant Mouse Mannan-binding lectin serine protease 2 (Masp2)

<b>Product Code</b>	CSB-EP856307MO-B
<b>Abbreviation</b>	Masp2
<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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q91WP0
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	S KWPEPVFGRL VSPGFPEKYA DHQDRSWTLT APPGYRLRLY FTHFDLELSY RCEYDFVKLS SGTKVLATLC GQESTDTEQA PGNDTFYSLG PSLKVTFHSD YSNEKPFTGF EAFYAAEDVD ECRVSLGDSV PCDHYCHNYL GGYYCSCRAG YVLHQNKHTC SALCSGQVFT GRSGYLSSPE YPQPYPKLSS CTYSIRLEDG FSVILDFVES FDVETHPEAQ CPYDSLKIQT DKGEHGPFCE KTLPPRIETD SHKVTITFAT DESGNHTGWK IHYTSTARPC PDPTAPPNGS ISPVQAIYVL KDRFSVFCKT GFELLQGSVP LKSFTAVCQK DGSWDRPMPE CSIIDCGPPD DLPNGHVDYI TGPEVTTYKA VIQYSCEETF YTMSSNGKYV CEADGFWTSS KGEKLPPVCE PVCGLSTHTI GGRIVGGQPA KPGDFPWQVL LLGQTAAAG ALIHDNWWLT AAHAVYEKRM AASSLNIRMG ILKRLSPHYT QAWPEEIFIH EGYTHGAGFD NDIALIKLKN KVTINGSIMP VCLPRKEAAS LMRTDFTGTV AGWGLTQKGL LARNLMFVDI PIADHQKCTA VYEKLYPGVR VSANMLCAGL ETGGKDSCRG DSGGALVFLD NETQRWVFGG IVSWGSIKCG AADQYGVYTK VINYIPWIEN IISNF
<b>Source</b>	E.coli
<b>Target Names</b>	Masp2
<b>Protein Names</b>	Recommended name: Mannan-binding lectin serine protease 2 EC= 3.4.21.104 Alternative name(s): MBL-associated serine protease 2 Mannose-binding protein-associated serine protease 2 Short name= MASP-2 Cleaved into the following 2 c
<b>Expression Region</b>	20-685
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	The Ra-reactive factor (RARF) is a complement-dependent bactericidal factor that binds to the Ra and R2 polysaccharides expressed by certain



enterobacteria. Alternate splicing of this gene results in two transcript variants encoding two RARF components that are involved in the mannan-binding lectin pathway of complement activation. The longer isoform is cleaved into two chains which form a heterodimer linked by a disulfide bond. The encoded proteins are members of the trypsin family of peptidases.

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**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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**Shelf Life**

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