

Recombinant Rat Masp2 protein(20-685aa), His-tagged

Cat. No. Masp2-4876R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Masp2 protein(Q9JJS8)(20-685aa), fused with C-terminal His tag, was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	20-685aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	76.4 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
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.

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 45-1 Ramsey Road, Shirley, NY 11967, USA

AA Sequence

SKWPEPVFGRLVSLGFPEKYGNHQDRSWTLTAPPGFRLRLYFTHFNLELSYRCEYD
 FVKLTSGTKVLATLCGQESTDTERAPGNDTFYSLGPSLKVTFHSDYSNEKPFTGFEA
 FYAAEDVDECRTSLGDSVPCDHYCHNYLGGYYCSCRVG YILHQNKHTCSALCSGQ
 VFTGRSGFLSSPEYPQYPYKLS SCAYNIRLEEGFSITLDFVESFDVEMHPEAQCPYD
 SLKIQTDKREYGPFCGKTLPPRIETDSNKVTITFTTDESGNHTGWKIHYTSTAQPCPD
 PTAPPNGHISP VQATYVLKDSFSVFCKTG FELLQGSVPLKSFTAVCQKDGSWDRPIP
 ECSIIDCGPPDDL PNGHVDYITGPEVTTYKAVIQYSCEETFYTMSSNGKYVCEADGF
 WTSSKGEKSLPVCKPVCGLSTHTSGGRIIGGQPAKPGDFPWQVLLLGETTAAGALIH
 DDWVLTA AHAVYGKTEAMSSLDIRMGILKRLSLIYTQAWPEAVFIHEGYTHGAGFDN
 DIALIKLKNKVTINRNIMPICLPRKEAASLMKTD FVGT VAGWGLTQKGFLARNLMFVDI
 PIVDHQKCATAYTKQPYPGAKVTVNMLCAGLDRGGKDSCRGDSSGALVFLDNETQ
 RWFVGGIVSWGSINCGGSEQYGVYTKVTNYIPWIENIINNF

GENE INFORMATION

Gene Name [Masp2 mannan-binding lectin serine peptidase 2 \[Rattus norvegicus \]](#)

Official Symbol [Masp2](#)

Synonyms MASP2; mannan-binding lectin serine peptidase 2; mannan-binding lectin serine protease 2; MBL-associated serine protease 2; mannose binding lectin-associated serine protease-2; mannose-binding protein-associated serine protease 2; MAp19; MASP-2;

Gene ID [64459](#)

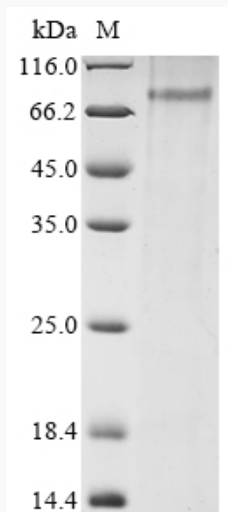
mRNA Refseq [NM_172043](#)

Protein Refseq [NP_742040](#)

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SDS-PAGE

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