



Recombinant Human Mannan-binding lectin serine protease 1 (MASP1)

Product Code	CSB-MP013508HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P48740
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	H TVELNNMFGQ IQSPGYPDSY PSDSEVTWNI TVPDGFRIKL YFMHFNLESS YLCEYDYVKV ETEDQVLATF CGRETTDTEQ TPGQEVVLSL GSFMSITFRS DFSNEERFTG FDAHYMAVDV DECKEREDEE LSCDHYCHNY IGGYYCSCRF GYILHTDNRT CRVECDNLF TQRTGVITSP DFPNPYPKSS ECLYTIELEE GFMVNLQFED IFDIEDHPEV PCPYDYIKIK VGPVKLGPFC GEKAPEPIST QSHSVLILFH SDNSGENRGW RLSYRAAGNE CPELQPPVHG KIEPSQAKYF FKDQVLVSCD TGYKVLKDNV EMDTFQIECL KDGTWSNKIP TCKIVDCRAP GELEHGLITF STRNNLTTYK SEIKYSCQEP YYKMLNNNTG IYTCSAQGVW MNKVLGRSLP TCLPVCGLPK FSRKLMARIF NGRPAQKGTW PWIAMLSHLN GQPFCGGSLL GSSWIVTAAH CLHQSLDPED PTLRSDLLS PSDFKIILGK HWRLRSDENE QHLGVKHTTL HPQYDPNTFE NDVALVELLE SPVLNAFVMP ICLPEGPQQE GAMVIVSGWG KQFLQRFPET LMEIEIPIVD HSTCQKAYAP LKKKVTRDMI CAGEKEGGKD ACAGDSGGPM VTLNRERGGW YLVGTVSWGD DCGKKDRYGV YSYIHHNKDW IQRVTGVRN
Source	Mammalian cell
Target Names	MASP1
Protein Names	Recommended name: Mannan-binding lectin serine protease 1 EC= 3.4.21.- Alternative name(s): Complement factor MASP-3 Complement-activating component of Ra-reactive factor Mannose-binding lectin-associated serine protease 1 Short
Expression Region	20-699
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
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.
Shelf Life	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.