

Active Recombinant Human MASP2 protein, His-tagged

Cat. No. MASP2-5432H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MASP2 protein(O00187-1)(Gly288-Phe686), fused with C-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	Gly288-Phe686
Tag	C-His
Form	Supplied as 0.22µm filtered solution in 20mM Tris, 200mM NaCl (pH 9.0).
Bio-activity	Immobilized Human MASP2, His Tag at 0.5µg/ml (100µl/Well). Dose response curve for Anti-MASP2 Antibody, hFc Tag with the EC50 of 5.0ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 46.9 kDa. Due to Autocatalytic cleavage, the protein migrates to 18 kDa&25-30 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE
Storage	Valid for 12 months from date of receipt when stored at -80°C; Recommend to aliquot the protein into smaller quantities for optimal storage. Please do not repeated freeze-

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thaw cycles.

Concentration Centrifuge tubes before opening.

Reconstitution

GENE INFORMATION

Gene Name [MASP2 mannan-binding lectin serine peptidase 2 \[Homo sapiens \]](#)

Official Symbol [MASP2](#)

Synonyms

MASP2; mannan-binding lectin serine peptidase 2; mannan binding lectin serine peptidase 1 pseudogene 1 , mannan binding lectin serine protease 1 pseudogene 1 , mannan binding lectin serine protease 2 , MASP1P1; mannan-binding lectin serine protease 2; small MBL-associated protein; MBL-associated serine protease 2; MBL-associated plasma protein of 19 kD; mannan-binding lectin serine protease 1 pseudogene 1; mannose-binding protein-associated serine protease 2; mannan-binding lectin serine peptidase 1 pseudogene 1; sMAP; MAP19; MASP-2; MASP1P1;

Gene ID [10747](#)

mRNA Refseq [NM_006610](#)

Protein Refseq [NP_006601](#)

MIM [605102](#)

UniProt ID [O00187](#)

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