

Active Recombinant Rat Masp2 protein, His-tagged

Cat. No. Masp2-4644R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Masp2 protein(A2VCV7)(Thr287-Phe685), fused with C-terminal His tag, was expressed in E.coli.
Species	Rat
Source	E.coli
ProteinLength	Thr287-Phe685
Tag	C-His
Form	Supplied as 0.22µm filtered solution in 50mM Tris, 200mM NaCl (pH 9.0).
Bio-activity	Immobilized Rat MASP2, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Anti-MASP2 Antibody, hFc Tag with the EC50 of 13.9ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 46.7 kDa. Due to Autocatalytic cleavage, the protein migrates to 15-20 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

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the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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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