

Recombinant Human MASP1, His-tagged

Cat. No. MASP1-754H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MASP1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	29-321aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

Gene Name	MAASP1?mannan-binding lectin serine peptidase 1 (C4/C2 activating component of Ra-reactive factor) [?Homo sapiens?(human)]
Official Symbol	MAASP1
Synonyms	MAASP1; 3MC1; MAP1; MASP; RaRF; CRARF; MASP3; MAp44; PRSS5; CRARF1; mannan-binding lectin serine peptidase 1 (C4/C2 activating component of Ra-reactive factor); mannan-binding lectin serine protease 1; serine protease 5; complement

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factor MASP-3; Ra-reactive factor serine protease p100; mannose-binding protein-associated serine protease; mannose-binding lectin-associated serine protease 1; complement-activating component of Ra-reactive factor; EC 3.4.21.-

Gene ID	5648
mRNA Refseq	NM_001031849
Protein Refseq	NP_001027019
MIM	600521
UniProt ID	P48740
Chromosome Location	3q27-q28
Pathway	Binding and Uptake of Ligands by Scavenger Receptors; Complement Activation; Complement and coagulation cascades
Function	calcium ion binding; calcium-dependent protein binding; peptidase activity

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