

Product Data Sheet

Recombinant Human MASP1 Protein

Catalog #	Source	Reactivity	Applications
CST1893	E. coli	H	
Description	Recombinant Human MASP1 Protein is produced by E. coli expression system and the target gene encoding Asn451-Trp690 is expressed with C-terminus His tag.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.		
Gene Symbol	MASP1		
Alternative Names	CRARF; CRARF1; PRSS5; Mannan-binding lectin serine protease 1; Complement factor MASP-3; Complement-activating component of Ra-reactive factor; Mannose-binding lectin-associated serine protease 1; MASP-1; Mannose-binding protein-associated serine protease		
Entrez Gene	5648		
SwissProt	P48740		
Purity			
Chemical Structure	NGRPAQKGTT PWIAMLSHLN GQPF CGGSLL GSSWIVTAAH CLHQSLDPED PTLRDS DLLS PSDFKIILGK HWLRSDENE QHLGVKHTTL HPQYDPNTFE NDVALVELLE SPVLNAFVMP ICLPEGPQQE GAMVIVSGWG KQFLQRF PET LMEIEIPIVD HSTCQKAYAP LKKKVTRDMI CAGEKEGGKD ACAGDSGGPM VTLNRERGQW YLVGT VSWGD DCGKKDRYGV YS		
Quality Control			
Directions for Use	Always centrifuge tubes before opening. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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