

Mannan-binding lectin serine protease 2 (MASP2) Recombinant Protein | MASP2 recombinant protein

Recombinant Human Mannan-binding lectin serine protease 2 (MASP2)

CATALOG # AAA115257	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Mannan-binding lectin serine protease 2 (MASP2); Recombinant Human Mannan-binding lectin serine protease 2 (MASP2); MASP2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	16-686aa; Full Length of Mature Protein
Sequence	TPLGPKWPEP VFGRLASPGF PGEYANDQER RWLTAPPGY RLRLYFTHFD LELSHLCEYD FVKLSSGAKV LATLCGQEST DTERAPGKDT FYSLGSSLDI TFRSDYSNEK PFTGFEAFYA AEDIDECQVA PGEAPTCDDH CHNHLGGFYC SCRAGYVLHR NKRTCSALCS GQVFTQRSGE LSSPEYPRPY PKLSSCTYSI SLEEGFSVIL DFVESFDVET HPETLCPYDF LKIQTDRREEH GPFCGKTLPH RIETKSNTVT ITFVTDESGD HTGWKIHYS TAQPCPYMA PPNGHVSPVQ AKYILKDSFS IFCETGYELL QGHLPLKSFT AVCQKDGSDW RMPACSI CGPPDDLPSG RVEYITGPGV TTYKAVIQYS CEETFYTMKV NDGKYVCEAD GFWTSSKGEK SLPVCEPVC LSARTTGRI YGGQKAKPGD FPWQVLILGG TTAAGALLYD NWWLTAHAV YEQKHDASAL DIRMGT SPHYTQAWSE AVFIHEGYTH DAGFDNDIAL IKLNNKVVIN SNITPICLPR KEAESFMRTD DIGTASGWGL TQRGFLARNL MYVDIPIVDH QKCTAAYEKP PYPRGSVTAN MLCAGLESGG KDSCRGDSSG ALVFLDSETE RWFVGGIVSW GSMNCGEAGQ YGVYTKVIN IPWIENIISD F
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for MASP2 recombinant protein	The Ra-reactive factor (RARF) is a complement-dependent bactericidal factor that binds to the Ra and R2 polysaccharides expressed by certain enterobacteria. Alternate splicing of this gene results in two transcript variants encoding two RARF components that are involved in the mannan-binding lectin pathway of complement activation. The longer isoform is cleaved into two chains which form a heterodimer linked by a disulfide bond. The encoded proteins are members of the trypsin family of peptidases.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21264363
NCBI GeneID	10747
NCBI Accession #	NP_006601.2
NCBI GenBank Nucleotide #	NM_006610.3
UniProt Accession #	O00187; O75754; Q5TEQ5; Q5TER0; Q96QG4; Q9BZH0; Q9H498; Q9H499; Q9UBP3; Q9UC48; A8K458; A8MWJ2

Molecular Weight	20,629 Da
NCBI Official Full Name	mannan-binding lectin serine protease 2 isoform 1 preproprotein
NCBI Official Synonym Full Names	mannan binding lectin serine peptidase 2
NCBI Official Symbol	MASP2
NCBI Official Synonym Symbols	sMAP; MAP19; MASP-2; MASP1P1
NCBI Protein Information	mannan-binding lectin serine protease 2
UniProt Protein Name	Mannan-binding lectin serine protease 2
UniProt Gene Name	MASP2
UniProt Synonym Gene Names	MASP-2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/masp2-recombinant-protein-e-coli/115257>