

MBL2 recombinant protein

MBL2, 108-248aa, Human, His tag, E Coli (Denatured)

CATALOG # AAA48840	HOST E Coli	APPLICATIONS SDS-Page
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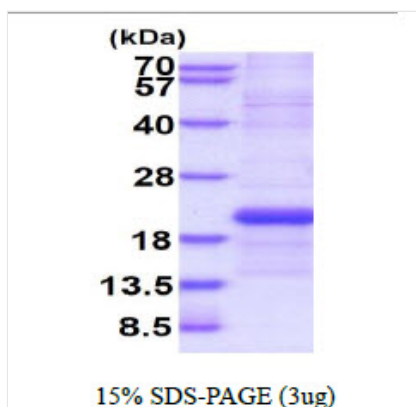
PRODUCT SYNONYMS

MBL2; 108-248aa; Human; His tag; E Coli (Denatured); Mannose-binding protein C; COLEC1; HSMBPC; MBL; MBL2D; MBP; MBP-C; MBP1; MBL2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 85% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris-HCl Buffer (pH 8.0) containing 2M urea, 20% glycerol, 0.2M NaCl
Concentration	1 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSGLVPRGSH MGSAASERKA LQTEMARIKK WLTFSLGKQV GNKFLLTNGE IMTFEKKV KAL CVKFQASVAT PRNAAENGAI QNLIKEEAF L GITDEKTEGQ FVDLTGNRLT YTNWNEGEPN NAGSDEDCV L LLKNGQWNDV PCSTSHLAVC EFPI
Sequence Length	248
Applicable Applications for MBL2 recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for MBL2 recombinant protein	Mannose-binding protein C, also known as MBL2, is a member of the collectin family of patternrecognition molecules. MBL2 is a secreted glycoprotein that is synthesized as a 248 amino acid precursor. The Protein recognizes mannose and N-acetylglucosamine on many microorganisms, and is capable of activating the classical complement pathway. Deficiencies of this gene have been associated with susceptibility to autoimmune and infectious diseases. Recombinant human MBL2 protein, fused to His-tag at N-terminus, was expressed in E Coli.
Product Categories/Family for MBL2 recombinant protein	Immunology
References	Sastry K., et al. (1989) J Exp Med. 170:1175.; Larsen F., et al. (2004) J Biol Chem. 279:21302.;

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557739
NCBI GeneID	4153
NCBI Accession #	NP_000233
NCBI GenBank Nucleotide #	NM_000242.2
UniProt Accession #	P11226; Q4VB12; Q4VB13; Q4VB14; Q5SQS3; Q86SI4; Q96KE4; Q96TF7; Q96TF8; Q96TF9
Molecular Weight	18 kDa (164aa)
NCBI Official Full Name	mannose-binding protein C
NCBI Official Synonym Full Names	mannose binding lectin 2
NCBI Official Symbol	MBL2
NCBI Official Synonym Symbols	MBL; MBP; MBP1; MBPD; MBL2D; MBP-C; COLEC1; HSMBPC
NCBI Protein Information	mannose-binding protein C
UniProt Protein Name	Mannose-binding protein C
UniProt Gene Name	MBL2
UniProt Synonym Gene Names	COLEC1; MBL; MBP-C

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://stage.aaabiotech.com/mb12-recombinant-protein-e-coli-sds-page/48840>