

Mannose Binding Lectin (MBL) Recombinant Protein | MBL recombinant protein

Recombinant Mannose Binding Lectin (MBL)

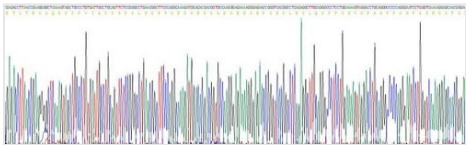
CATALOG # AAA134566	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

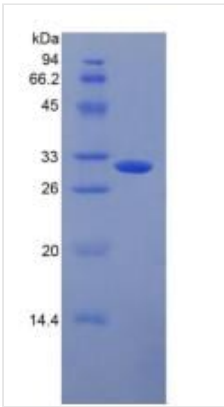
Mannose Binding Lectin (MBL); Recombinant Mannose Binding Lectin (MBL); MBL recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithN-t erminalHis -Tag,itsse quenceisli stedbelow. MGHHHH HHS GS-ETLT EGAQSSCPVI ACSSPGLNGF PGKDGHDGAK GEKGEPGQGL RGLQGPPGKV GPAGPPGNPG SKGATGPKGD RGSVEFDDT NIDLEIAALR SELRAMRKWV LLSMSENVGK KYFMSSVRRM PLNRAKALCS ELQGT VATPR NAEENRAIQN VAKDVAFLGI TDQRTENVFE DLTGNRVRYT NWNEGEPNNV SGGENCVLL TNGKWNDVPC SDSFLVCEFD SD
Sequence Length	244
Applicable Applications for MBL recombinant protein	WB (Western Blot), SDS-PAGE
Organism	Rattus norvegicus (Rat)
Expression System	Prokaryotic expression
Residues	Glu19~Asp244 (Accession # P08661) with N-terminal His-Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test,that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is lessthan 5% within the expiration date under appropriate storage condition.



Application Data



SDS-PAGE

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ET LTEGAQSSCP VIACSSPGLN GFPKDGHDG
AKGEKGEPGQ GLRGLQGPPG KVGPAAGPPN PGSKGATGPK GDRGESVEFD
TTNIDLEIAA LRSELAMRK WVLLSMSENV GKKYFMSSVR RMPLNRAKAL
CSELQGTVAT PRNAEENRAI QNVAKDVAFL GITDQRTENV FEDLTGNRVR
YTNWNEGEPN NVGSGENCVV LLTNGKWINDV PCSDSFLVVC EFSD
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Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	148747321
NCBI GeneID	64668
NCBI Accession #	NP_073195.2
NCBI GenBank Nucleotide #	NM_022704.2
UniProt Accession #	P08661
Molecular Weight	25.3kDa
NCBI Official Full Name	mannose-binding protein C
NCBI Official Synonym Full Names	mannose-binding lectin (protein C) 2
NCBI Official Symbol	Mbl2
NCBI Official Synonym Symbols	Ab2-001; Ab2-011
NCBI Protein Information	mannose-binding protein C; MBP-C; RARF/P28A; raRF p28A; mannan-binding protein; RA-reactive factor P28A subunit; mannose-binding protein C (liver); mannose binding lectin 2 (protein C); ra-reactive factor polysaccharide-binding component p28A
UniProt Protein Name	Mannose-binding protein C
UniProt Gene Name	Mbl2
UniProt Synonym Gene Names	MBP-C; RaRF p28A
UniProt Entry Name	MBL2_RAT

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.