

Lectin, Mannose Binding 1 Recombinant Protein | LMAN1 recombinant protein

Recombinant Lectin, Mannose Binding 1 (LMAN1)

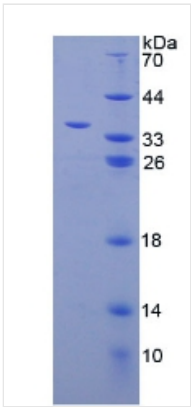
CATALOG # AAA145467	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

Lectin; Mannose Binding 1; Recombinant Lectin; Mannose Binding 1 (LMAN1); F5F8D; FMFD1; MCFD1; MR60; Gp58; Protein ERGIC-53; Coagulation Factor V-Factor VIII Combined Deficiency; Endoplasmic Reticulum-Golgi Intermediate Compartment Protein 53; LMAN1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90%
Form/Format	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Sequence	PYPVRAKITY YQNTLTVMIN NGFTPKNDY EFCAKVENMI IPAQGHFGIS AATGGLADDH DVLSFLTFQL TEPGKEPPTP DKEISEKEKE KYQEEFEHFQ QELDKKKEEF QKGHPDLQGG PAEEIFESVG DRELQVFEF QNRHLEIKQ LNRQLDMILD EQRRYVSSLT EEISKRAGM PGQHGQITQQ ELDTVVKTQH EILRQVNEMK NSMSETVRLV SGMQHPGSAG GUYETTQHF DIKEHLHIVK RDIDNLVQRN MPSNEKPKCP ELPPFPSC
Sequence Length	517
Applicable Applications for LMAN1 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Predicted Molecular Mass	35.6kDa
Usage	Reconstitute in sterile PBS, pH7.2-pH7.4.
Endotoxin Level	<1.0EU per 1 ug (determined by the LAL method)
Expression System	Prokaryotic expression
Fragment	Pro198-Cys475
Organism Species	Human
Tag	two N-terminal Tags, His-tag and T7-tag
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 target protein. 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 and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.



Sequence

PYP

VRAKITYYQN	TLTVMINNGF	TPDKNDYFEC	AKVENMIIPA	QGHFGISAAT
GGLADHDHVL	SFLTFLTEP	GKEPPTPDK	ISEKEKEKYQ	EEFEHFQQL
DKKKEEFQKG	HPDLQGQPAE	EIFESVGDRE	LRQVFEGQNR	IHLEIKQLNR
QLDMILDEQR	RYVSSLTEEI	SKRGAGMPGQ	HGQITQQELD	TVVKTQHEIL
RQVNEKNSM	SETVRLVSGM	QHPGSAGGVY	ETTQHFIDIK	EHLHIVKRDI
DNLVQRNMPS	NEKPKCELP	PFPS		

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	351542147
NCBI GeneID	394295
NCBI Accession #	NP_001080950.2
NCBI GenBank Nucleotide #	NM_001087481.1
NCBI Official Full Name	lectin, mannose-binding, 1
NCBI Official Synonym Full Names	lectin, mannose-binding, 1
NCBI Official Symbol	Iman1
NCBI Official Synonym Symbols	p58; Xp58; Iman1-a
NCBI Protein Information	lectin, mannose-binding, 1

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.