

Recombinant Human LMAN2 Protein, HIS-tagged

Cat. No. LMAN2-053H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LMAN2 fused with His tag at C-termina was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a type I transmembrane lectin that shuttles between the endoplasmic reticulum, the Golgi apparatus and the plasma membrane. The encoded protein binds high mannose type glycoproteins and may facilitate their sorting, trafficking and quality control.
Form	Lyophilized from a 0.2 M filtered solution of 50mM TrisHCl,10mM GSH,pH8.0
Molecular Mass	32.7kD
AA Sequence	DITDGNSEHLKREHSLIKPYQGVGSSSMPLWDFQGSTMLOTSQYVRLTPDERSKEGS IWNHQPCFLKDWEMHVHFKVHGTGKKNLHGDGIALWYTRDRLVPGPVFGSKDNFH GLAIFLDTYPNDETTERTVFPYISVMVNNGSLSYDHSKDGWRTELAGCTADFRNRDH DTFLAVRYSRGRLTVMTDLEDKNEWKNCIDITGVRLPTGYFFGASAGTGDLSDNHDI ISMKLFQLMVEHTPDEESIDWTKIEPSVNFLKSPKDNVDDPTGNFRSGPLTGWRVD HHHHHH
Endotoxin	Endotoxin level is <0.1 ng/g of protein (<1EU/g).

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Purity	>95% as determined by SDS-PAGE and Coomassie blue staining
Concentration	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
GENE INFORMATION	
Gene Name	LMAN2 lectin, mannose-binding 2 [Homo sapiens]
Official Symbol	LMAN2
Synonyms	LMAN2; lectin, mannose-binding 2; C5orf8, chromosome 5 open reading frame 8; vesicular integral-membrane protein VIP36; GP36B; VIP36; glycoprotein GP36b; vesicular integral protein of 36 kDa; vesicular integral-membrane protein 36; C5orf8;
Gene ID	10960
mRNA Refseq	NM_006816
Protein Refseq	NP_006807
MIM	609551
UniProt ID	Q12907