

Recombinant Human LMAN2 Protein

Catalog #	Source	Reactivity	Applications
CRP1907	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human LMAN2 Protein is produced by our mammalian expression system and the target gene encoding Asp45-Arg322 is expressed with a 6His tag at the C-terminus.		
Form	Lyophilized from a 0.2 μ M filtered solution of 50mM Tris-HCl, 10mM GSH, pH 8.0.		
Gene Symbol	LMAN2		
Alternative Names	C5orf8; Vesicular integral-membrane protein VIP36; Glycoprotein GP36b; Lectin mannose-binding 2; Vesicular integral-membrane protein 36; VIP36		
Entrez Gene	10960 (Human)		
SwissProt	Q12907 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	DITDGNSEHL KREHSLIKPY QGVGSSSMPL WDFQGSTMLT SQYVRLTPDE RSKEGSIWNH QPCFLKDWEM HVHFKVHGTG KKNLHGDGIA LWYTRDRLVP GPVFGSKDNF HGLAIFLDTY PNDEETTERVF PYISVMVNNG SLSYDHSKDG RWTELAGCTA DFRNRDHDTF LAVRYSRGRLL TVMTDLEDKN EWKNCIDITG VRLPTGYYFG ASAGTGDLSN NNDIISMKLF QLMVEHTPDE ESIDWTKIEP SVNFLKSPKD NVDDPTGNFR SGPLTGWRVD HHHHHH		
Quality Control	Endotoxin: Less than 0.1 ng/ μ g (1 IEU/ μ g) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μ g/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		
Storage/Stability	Lyophilized protein should be stored at -20°C, though stable at room temperature		
Application key:	E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference		
Species reactivity key:	H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish		

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Product Data Sheet

for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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