

Product datasheet for **TP305704L**

LMAN2 (NM_006816) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human lectin, mannose-binding 2 (LMAN2), 1 mg

Species: Human

Expression Host: HEK293T

Expression cDNA >RC205704 protein sequence

Clone or AA **Red**=Cloning site **Green**=Tags(s)

Sequence:

MAAEGWIWRWGWGRRCLGRPGLLGPGPGPTTPLFLLLLGSVTADITDGNSEHLKREHSLIKPYQGVGSS
SMPLWDFQGSTMLTSQYVRLTPDERSKEGSIWNHQPFCFLKDWEMHVFHFKVHGTGKKNLHGDGIALWYTRD
RLVPGPVFGSKDNFHLAIFLDTYPNDETERVFPYISVMVNNNGSLSYDHSKDGRWTELAGCTADFRNRD
HDTFLAVRYSRGLTVMTDLEDKNEWKNCIDITGVRLPTGYFFGASAGTGDLSDNHDIISMKLFQLMVEH
TPDEESIDWTKIEPSVNFLKSPKDNVDDPTGNFRSGPLTGWRVFLLLCALLGIVCAVVGAVVFQKRQE
RNKRFY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 35.5 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_006807](#)

Locus ID: 10960



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UniProt ID: [Q12907](#), [A0A384NPY7](#)

RefSeq Size: 1853

Cytogenetics: 5q35.3

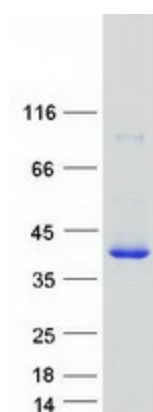
RefSeq ORF: 1068

Synonyms: C5orf8; GP36B; VIP36

Summary: 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. [provided by RefSeq, Oct 2008]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified LMAN2 protein (Cat# [TP305704]). The protein was produced from HEK293T cells transfected with LMAN2 cDNA clone (Cat# [RC205704]) using MegaTran 2.0 (Cat# [TT210002]).