

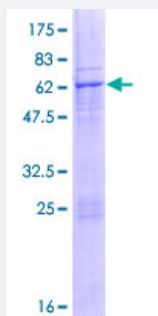
Full-Length

LMAN2 (Human) Recombinant Protein (P01)

Catalog # H00010960-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human LMAN2 full-length ORF (NP_006807.1, 1 a.a. - 356 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAAEGWIWRWGWGRRCLGRPGLLGPGPGPTTPLFLLLLLGSVTADITDGNSEHLKREHSLIKPYQ
GVGSSSMPLWDFQGSTMITSQYVRLTPDERSKEGSMNHQPCFLKDWEMHVHFKVHGTGKKN
LHGDGIALWYTRDRLVPGPVFGSKDNFHLAIFLDITYPNDETTERVFPYISVMVNNGSLSYDHSKD
GRWTELAGCTADFRNRDHTFLAVRYSRGLTVMTDLEDKNEWKNCIDITGVRLPTGYFYGASAG
TGDLSDNHDIISMKLFQLMVEHTPDEESIDWTKIEPSVNFLLKSPKDNVDDPTGNFRSGPLTGWRV
FLLLLCALLGMVCAVVGAVVFQKRQERNKRFY

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

66.6

Interspecies Antigen Sequence

Mouse (94); Rat (93)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — LMAN2

Entrez GeneID[10960](#)**GeneBank Accession#**[NM_006816.1](#)**Protein Accession#**[NP_006807.1](#)**Gene Name**

LMAN2

Gene Alias

C5orf8, GP36B, VIP36

Gene Description

lectin, mannose-binding 2

Omim ID[609551](#)**Gene Ontology**[Hyperlink](#)**Gene 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]

Other Designations

vesicular integral protein of 36 kDa