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Product Information

MemDX™ Membrane Protein Human LMAN2 (Lectin, mannose binding 2)

Cat. No.: **MP0241J**
This product is for research use only and is not intended for diagnostic use.

This product is a 35.5 kDa Human LMAN2 membrane protein expressed in HEK293T. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species
Human

Target Protein
LMAN2

Protein Length
Full-length

Protein Class
Transmembrane

Molecular Weight
35.5 kDa

TMD
1

Sequence
MAAEGWIWRWGWGRRCLGRPGLLGPGPGPTTPLFLLLLLGSVTADITDGNSEHLKREHSLIKPYQGVGSS
SMPLWDFQGSTMLTSQYVRLTPDERSKEGSIWNHQPCFLKDWEMHVHFKVHGTGKKNLHGDGIALWYTRD
RLVPGPVFGSKDNFHGLAIFLDTYPNDETTERVFPYISVMVNNGSLSYDHSKDGRWTELAGCTADFRNRD
HDTFLAVRYSRGRLTVMTDLEDKNEWKNCIDITGVRLPTGYYFGASAGTGDLSDNHDIISMKLFQLMVEH
TPDEESIDWTKIEPSVNFLKSPKDNVDDPTGNFRSGPLTGWRVFLLLLCALLGIVVCAVVGAVVFQKRQE
RNKRFY

Product Description

Expression Systems
HEK293T

Tag
C-Myc/DDK

Form
Liquid

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Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

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

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

Store at +4°C for up to one week or several months at -80°C

Target

Target Protein

LMAN2

Full Name

Lectin, mannose binding 2

Introduction

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.

Alternative Names

C5orf8; GP36B; VIP36; epididymis secretory sperm binding protein; glycoprotein GP36b; vesicular integral protein of 36 kDa

Gene ID

10960

UniProt ID

Q12907

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