

Recombinant Mouse Lman1 Protein, Myc/DDK-tagged

Cat. No. Lman1-3796M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length lectin, mannose-binding, 1 (Lman1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Mannose-specific lectin. May recognize sugar residues of glycoproteins, glycolipids, or glycosylphosphatidyl inositol anchors and may be involved in the sorting or recycling of proteins, lipids, or both. The LMAN1-MCFD2 complex forms a specific cargo receptor for the ER-to-Golgi transport of selected proteins.
Molecular Mass	57.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Lman1 lectin, mannose-binding, 1 [Mus musculus (house mouse)]
Official Symbol	Lman1
Synonyms	LMAN1; lectin, mannose-binding, 1; protein ERGIC-53; ER-Golgi intermediate compartment 53 kDa protein; P58; MR60; gp58; F5F8D; MCFD1; ERGIC53; AI326273; AU043785; C730041J05; 2610020P13Rik
Gene ID	70361
mRNA Refseq	NM_027400
Protein Refseq	NP_081676
UniProt ID	Q9D0F3

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