

# Recombinant Mouse Lamp1 Protein, MYC/DDK-tagged

**Cat. No.** Lamp1-1291M    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                 |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of full-length mouse lysosomal-associated membrane protein 1 (Lamp1), with C-terminal MYC/DDK tag, was expressed in HEK293T cells. |
| <b>Species</b>          | Mouse                                                                                                                                                           |
| <b>Source</b>           | HEK293                                                                                                                                                          |
| <b>Description</b>      | Presents carbohydrate ligands to selectins. Also implicated in tumor cell metastasis.                                                                           |
| <b>Molecular Mass</b>   | 44.3 kDa                                                                                                                                                        |
| <b>Purity</b>           | >80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                      |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.                   |
| <b>Storage</b>          | Store at -80 centigrade after receiving vials.                                                                                                                  |
| <b>Concentration</b>    | >50 g/mL as determined by microplate BCA method                                                                                                                 |
| <b>Storage Buffer</b>   | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                           |

## GENE INFORMATION

|                  |                                                                              |
|------------------|------------------------------------------------------------------------------|
| <b>Gene Name</b> | Lamp1 lysosomal-associated membrane protein 1 [ Mus musculus (house mouse) ] |
|------------------|------------------------------------------------------------------------------|

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|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Official Symbol</b> | <a href="#">Lamp1</a>                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Synonyms</b>        | Lamp1; lysosomal-associated membrane protein 1; P2B; Perk; LGP-A; CD107a; Lamp-1; LGP-120; lysosome-associated membrane glycoprotein 1; 120 kDa lysosomal membrane glycoprotein; CD107 antigen-like family member A; LYSOSOME-ASSOCIATED MEMBRANE GLYCOPROTEIN 1 PRECURSOR (LAMP-1) (LGP-A) (LGP-120) (CD107A) (P2B); Lamp I; lysosomal membrane glycoprotein 1; lysosomal membrane glycoprotein A; lysosome-associated membrane protein 1 |
| <b>Gene ID</b>         | <a href="#">16783</a>                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>mRNA Refseq</b>     | <a href="#">NM_010684</a>                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Protein Refseq</b>  | <a href="#">NP_034814</a>                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>UniProt ID</b>      | <a href="#">P11438</a>                                                                                                                                                                                                                                                                                                                                                                                                                     |

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