

Recombinant Mouse Lamp2 Protein, MYC/DDK-tagged

Cat. No. Lamp2-1292M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse lysosomal-associated membrane protein 2 (Lamp2), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Implicated in tumor cell metastasis. May function in protection of the lysosomal membrane from autodigestion, maintenance of the acidic environment of the lysosome, adhesion when expressed on the cell surface (plasma membrane), and inter- and intracellular signal transduction. Protects cells from the toxic effects of methylating mutagens.
Molecular Mass	46.1 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 g/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	Lamp2 lysosomal-associated membrane protein 2 [Mus musculus (house mouse)]
Official Symbol	Lamp2
Synonyms	Lamp2; lysosomal-associated membrane protein 2; Mac3; LGP-B; CD107b; Lamp-2; Lamp II; Lamp-2a; Lamp-2b; Lamp-2c; lysosome-associated membrane glycoprotein 2; CD107 antigen-like family member B; lysosomal membrane glycoprotein 2; lysosomal membrane glycoprotein type B
Gene ID	16784
mRNA Refseq	NM_010685
Protein Refseq	NP_034815
UniProt ID	P17047

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