

Recombinant Full Length Human LAMP2 Protein, C-Flag-tagged

Cat. No. LAMP2-170HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human LAMP2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	The protein encoded by this gene is a member of a family of membrane glycoproteins. This glycoprotein provides selectins with carbohydrate ligands. It may play a role in tumor cell metastasis. It may also function in the protection, maintenance, and adhesion of the lysosome. Alternative splicing of this gene results in multiple transcript variants encoding distinct proteins.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	42 kDa
AA Sequence	MVCFRLFPVPGSGLVLVCLVLGAVRSYALELNLTDSENATCLYAKWQMNFTVRYET TNKTYKTVTISDHG TVTYNGSICGDDQNGPKIAVQFGPGFSWIANFTKAASTYSIDS VSFSYNTGDNTTFPDAEDKGILTVDEL LAIRIPLNDLFRCNSLSTLEKNDVVQHYWD VLVQAFVQNGTVSTNEFLCDKDKTSTVAPTIHTTVPSPTT TPTPKEKPEAGTYSVNN GNDTCLLATMGLQLNITQDKVASVININPNTTHSTGSCRSHALLRLNSSTIK YLDFV FAVKNENRFYLKEVNISMVYLVNGSVFSIANNNLSYWDAPLGSSYMCNKEQTVSVSG AFQINTFDL

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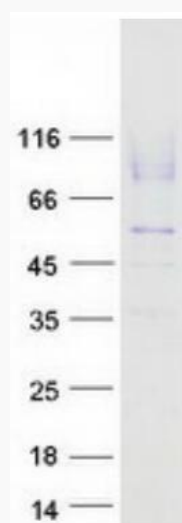
	RVQPFNVTQGKYSTAQECSLDDDTILIPIVGAGLSGLIIVIVIAIVIGRRKSYAGYQTLT RTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, ES Cell Differentiation/IPS, Transmembrane
Protein Pathways	Lysosome
Full Length	Full L.
GENE INFORMATION	
Gene Name	LAMP2 lysosomal associated membrane protein 2 [Homo sapiens (human)]
Official Symbol	LAMP2
Synonyms	DND; LAMPB; CD107b; LAMP-2; LGP-96; LGP110
Gene ID	3920

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mRNA Refseq	NM_013995.2
Protein Refseq	NP_054701.1
MIM	309060
UniProt ID	P13473



Coomassie blue staining of purified LAMP2 protein.