

Recombinant Human LAMP2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. LAMP2-6251H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	LAMP2 MS Standard C13 and N15-labeled recombinant protein (NP_002285) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	44.96 kDa
AA Sequence	MVCFRLFPVPGSGLVLVCLVLGAVRSYALELNLTDSENATCLYAKWQMNFTVRYET TNKTYKTVTISDHGTVTYNGSICGDDQNGPKIAVQFGPGFSWIANFTKAASTYSIDSV SFSYNTGDNTTFPDAEDKGILTVDELLAIRIPLNDLFRCSLSTLEKNDVVQHYWDVL VQAFVQNGTVSTNEFLCDKDKTSTVAPTIHTTVPSPTTTPTPKEKPEAGTYSVNNGN DTCLLATMGLQLNITQDKVASVININPNTTHSTGSCRSHTALLRLNSSTIKYLDFVFAV KNENRFYLKEVNISMVYLVNGSVFSIANNNLSYWDAPLGSSYMCNKEQTVSVSGAFQI NTFDLRVQPFNVTQGKYSTAQDCSADDDNFLVPIAVGAALAGVLILVLLAYFIGLKHH HAGYEQFTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

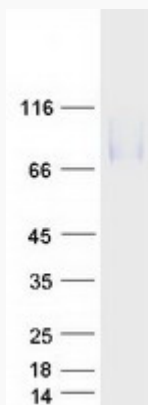
GENE INFORMATION

Gene Name	LAMP2 lysosomal-associated membrane protein 2 [Homo sapiens (human)]
Official Symbol	LAMP2
Synonyms	LAMP2; lysosomal-associated membrane protein 2; lysosome-associated membrane glycoprotein 2; CD107b; CD107 antigen-like family member B; lysosome-associated membrane protein 2; LAMPB; LAMP-2; LGP110;
Gene ID	3920
mRNA Refseq	NM_002294
Protein Refseq	NP_002285
MIM	309060
UniProt ID	P13473

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SDS-PAGE

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