

Product datasheet for **TP300456M**

LAMP2 (NM_013995) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human lysosomal-associated membrane protein 2 (LAMP2), transcript variant B, 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC200456 protein sequence
Red=Cloning site **Green**=Tags(s)

MVCFRLFPVPGSGLVLVCLVLGAVRSYALELNLTDSENATCLYAKWQMNFTVRYETTNNKTYKTVTISDHG
TVTYNGSICGDDQNGPKIAVQFGPGFSWIANFTKAASTYSIDSVSFSYNTGDNTTFPDAEDKGLTVDL
LAIRIPLNDLFRCNLSLSTLEKNDVQHYWDVLVQAFVQNGTVSTNEFLCDKDKTSTVAPTIHTTVSPPTT
TPTPKPEAGTYSVNNNGNDTCLLATMGLQLNITQDKVASVININPNTTHSTGSCRSHALLRLNSSTIK
YLDFVFAVKNENRFYLKEVNISMVYLVNGSVFSIANNLSYWDAPLGSSYMCNKEQTVSVSGAFQINTFDL
RVQPFNVTQGKYSTAQECSLDDDTILIPPIVAGLSGLIIVIAVYVIGRRKSYAGYQTL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 42 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_054701](#)



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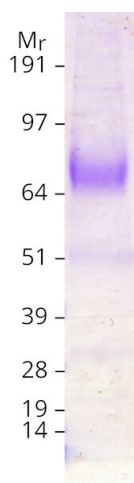
Locus ID: 3920
UniProt ID: [P13473](#)
RefSeq Size: 4076
Cytogenetics: Xq24
RefSeq ORF: 1230
Synonyms: CD107b; DND; LAMP-2; LAMPB; LGP-96; LGP110

Summary: 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. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, ES Cell Differentiation/IPS, Transmembrane

Protein Pathways: Lysosome

Product images:



Coomassie blue staining of purified LAMP2 protein (Cat# [TP300456]). The protein was produced from HEK293T cells transfected with LAMP2 cDNA clone (Cat# [RC200456]) using MegaTran 2.0 (Cat# [TT210002]).