

Product datasheet for **RC225644L4V**

LAMP2 (NM_001122606) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	LAMP2
Synonyms:	CD107b; DND; LAMP-2; LAMPB; LGP-96; LGP110
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001122606
ORF Size:	1233 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(RC225644).

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

RefSeq: [NM_001122606.1](#), [NP_001116078.1](#)

RefSeq ORF: 1236 bp

Locus ID: 3920

UniProt ID: [P13473](#)

Cytogenetics: Xq24

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



Protein Pathways: Lysosome

MW: 45.17 kDa

Gene 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]