

Proteoliposomes

Full-Length

LAMP2 (Human) Recombinant Protein

Catalog # H00003920-G01

Size 10 ug

Specification

Product Description

Human LAMP2 full-length ORF (NP_054701.1) recombinant protein without tag.
This product is belong to Proteoliposome (PL).

Sequence

MVCFRLFPVPGSGLVLVCLVLGAVRSYALELNLTDSENATCLYAKWQMNFVRYETTNKTYKTVTI
SDHGTVTYNGSICGDDQNGPKIAVQFGPGFSWANFTKAASTYSIDSVSFSYNTGDNTTFPDAEDK
GILTVDELLAIRIPLNDLFRCNLSLSTLEKNDVVQHYWDVLVQAFVQNGTVSTNEFLCDKDKTSTVA
PTIHTVPSPTTTPKEKPEAGTYSVNNGNDTCLLATMGLQLNITQDKVASVININPNTTHSTGSCR
SHTALLRLNSSTIKYLDVFVAVKNENRFYLKEVNISMVYLVNGSVFSIANNNLSYWDAPLGSSYMCNK
EQTVSVSGAFQINTFDLRVQPFNVTQGKYSTAQECSLDDDTILIPVIGAGLSGLIMVIAVYIGRRKSY
AGYQTL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

45

Form

Liquid

Preparation Method

[in vitro wheat germ expression system with proprietary liposome technology](#)

Purification

None

Recommend Usage

Heating may cause protein aggregation. Please do not heat this product before electrophoresis.

Storage Buffer

25 mM Tris-HCl of pH8.0 containing 2% glycerol.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Antibody Production

Gene Info — LAMP2

Entrez GeneID	3920
GeneBank Accession#	NM_013995.1
Protein Accession#	NP_054701.1
Gene Name	LAMP2
Gene Alias	CD107b, LAMPB, LGP110
Gene Description	lysosomal-associated membrane protein 2
Omim ID	300257 309060
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of a family of membrane glycoproteins. This glyco protein 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]
Other Designations	OTTHUMP00000023943 OTTHUMP00000023944 lysosome-associated membrane protein 2

Publication Reference

- [Diagnosis of Autoimmune Diseases Using a Specific Antibody Profile.](#)

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United States Patent Application Publication 2016 Mar; [Epub].

Application: Antigen microarray, Human, Serum

Pathway

- [Lysosome](#)

Disease

- [Cardiomegaly](#)

- [Cardiomyopathy](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)