

Recombinant Human LAMP3 Protein, His-tagged

Cat. No. LAMP3-35H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human LAMP3, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Species	Human
Source	Insect Cells
Description	LAMP3, also known as lysosome-associated membrane glycoprotein 3, is a member of the lysosome-associated membrane protein family. LAMP3 and CD68 share very similar predicted structure. It may play a role in dendritic cell function and in adaptive immunity. Overexpression of LAMP3 is actively involved in tumor invasion through increased migration into lymph-vascular spaces.
Form	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.
Molecular Mass	38.8kDa (362aa)57-70KDa (SDS-PAGE under reducing conditions)
AA Sequence	KAFPETRDYS QPTAAATVQD IKKPVQQPAK QAPHQTLAAR FMDGHITFQT AATVKIPTTT PATTKNTATT SPITYTLVTT QATPNNSTAPPVTEVTVGP SLAPYSLPPT ITPPAHTTGT SSSTVSHTTG NTTQPSNQTT LPATLSIALH KSTTGQKPVQ PTHAPGTAA AHNTTRTAAPASTVPGPTLA PQPSSVKGTI YQVLNGSRLC IKAEMGIQLI VQDKESVFSP RRYFNIDPNA TQASGNCGTR KSNLLLNFGG GFVNLTFTKDEESYYISEVG AYLTVSDPET IYQGKHAVV MFQTAVGHSH KCVSEQSLQL SAHLQVKTTD VQLQAFDFED DHFGNVDECS SDYTLEHHHHHH

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Endotoxin	< 1.0 EU per 1 microgram of protein (determined by LAL method)
Purity	>90% by SDS – PAGE
Storage	Can be stored at +4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20 centigrade or -70 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	0.5mg/ml (determined by Absorbance at 280nm)

GENE INFORMATION

Gene Name	LAMP3 lysosomal-associated membrane protein 3 [Homo sapiens]
Official Symbol	LAMP3
Synonyms	LAMP3; lysosomal-associated membrane protein 3; lysosome-associated membrane glycoprotein 3; CD208; DC LAMP; DCLAMP; LAMP; TSC403; DC-lysosome-associated membrane glycoprotein; LAMP-3; DC-LAMP;
Gene ID	27074
mRNA Refseq	NM_014398
Protein Refseq	NP_055213
MIM	605883
UniProt ID	Q9UQV4
Chromosome Location	3q26.3-q27

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Pathway

Lysosome, organism-specific biosystem; Lysosome, conserved biosystem;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA