

LAMP3, 28-381aa, Human, His tag, Insect cell

Cat.NO.: TP02777

3th Edition

Synonyms:LAMP3, CD208, DC LAMP, DC-LAMP, DCLAMP, LAMP, LAMP-3, TSC403

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. Recombinant human LAMP3, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Form:Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

Molecular Weight:38.8kDa (362aa), 57-70KDa (SDS-PAGE under reducing conditions)

Sequences:

KAFPETRDYSQPTAAATVQDIKKPVQQPAKQAPHQTLAARFMDGHITFQTAATVKIPTTTTPATTKNTATTSPITYTLV
TTQATPNNSTAPPVTEVTGPSLAPYSLPPTITPPAHTTGTSSSTVSHTTGNTTQPSNQTTLPATLSIALHKSTTGQ
KPVQPTHAPGTTAAAHNTTRTAAPASTVPGPTLAPQPSSVKTGIYQVLNGSRLCICAEMGIQLIVQDKESVFSPRRY
FNIDPNATQASGNCGTRKSNLLLNFGGGFVNLTFTKDEESYYISEVGAYLTVSDPETIYQGIIKHAVVMFQTAVGHSE
KCVSEQSLQLSAHLQVKTTDVQLQAFDFEDDHFGNVDECSSDYTLEHHHHHH

Purity:> 95% by HPLC

Concentration:0.5mg/ml (determined by Absorbance at 280nm)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.