

32-13291: LAMP3 Human

Alternative Name : Lysosomal-Associated Membrane Protein 3, DC-Lysosome-Associated Membrane Glycoprotein, DC LAMP, LAMP-3, DCLAMP, TSC403, Protein TSC403, CD208 Antigen, DC-LAMP, CD208, LAMP, Lysosome-associated membrane glycoprotein 3.

Description

Source: Sf9, Baculovirus cells.

Sterile Filtered colorless solution.

Lysosomal-Associated Membrane Protein 3, also known as LAMP3 is part of the lysosome-associated membrane protein family. LAMP3 and CD68 share an extremely similar predicted structure. LAMP3 performs in dendritic cell function and in adaptive immunity as well. Furthermore, LAMP3 overexpression is actively involved in tumor invasion via increased migration into lymph-vascular spaces.

LAMP3 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 362 amino acids (28-381a.a.) and having a molecular mass of 38.8kDa. (Molecular size on SDS-PAGE will appear at approximately 57-70kDa). LAMP3 is expressed with an 8 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount : 2 µg / 10 µg

Purification : Greater than 90.0% as determined by SDS-PAGE.

Content : LAMP3 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid : KAFPETRDYS QPTAAATVQD IKKPVQQPAK QAPHQTLAAR FMDGHITFQT AATVKIPTTT PATTKNTATT SPITYTLVTT QATPNNSHTA PPVTEVTGVP SLAPYSLPPT ITPPAHTTGT SSSTVSHTTG NTTQPSNQTT LPATLSIALH KSTTGQKPVQ PTHAPGTAA AHNTTRTAAP ASTVPGPTLA PQPSSVKTGI YQVLNGSRLC IKAEMGIQLI VQDKESVFSP RRYFNIDPNA TQASGNCGTR KSNLLNFQG GFVNLTFTKD EESYYISEVG AYLTVSDPET IYQGIKHAVV MFQTAVGHSF KCVSEQSLQL SAHLQVKTTD VQLQAFDFED DHFGNVDECS SDYTLEHHHH HH.