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32-13289: LAMP1 Human

Alternative Name : Lysosome-associated membrane glycoprotein 1, LAMP1, CD107a, LAMPA, LGP120, LAMP-1, CD107 antigen-like family member A.

Description

Source: Sf9, Baculovirus cells.
Sterile filtered colorless solution.
Lysosomal-Associated Membrane Protein 1 (LAMP1) is a part of the LAMP family. Â LAMP1 is a membrane protein which is expressed in the endosome-lysosome membranes of cells and is implicated in tumor cell metastasis. A glycoform of LAMP1 is expressed on the surface of activated macrophages and promotes T cell costimulation and a Th1 biased immune response. Â LAMP1 is also found on the plasma membrane during the activation of NK cells, CD8 & T cells, monocytes, basophils, and platelets.
LAMP1 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 363 amino acids (29-382a.a.) and having a molecular mass of 39.4kDa. (Molecular size on SDS-PAGE will appear at approximately 57-70kDa).LAMP1 is expressed with a 9 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 :	LAMP1 protein solution (1mg/ml) contains phosphate buffered saline (pH7.4) 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 :	ADPAMFMVKN GNGTACIMAN FSAAFSVNYD TKSGPKNMTF DLPSDATVVL NRSSCGKENT SDPSLVIAFG RGHTLTLNFT RNATRYSVQL MSFVYNLSDT HLFPNASSKE IKTVESITDI RADIDKKYRC VSGTQVHMNN VTVTLHDATI QAYLSNSSFS RGETRCEQDR PSPTTAPPAPPSPSPSPVPK SPSVDKYNVS GTNGTCLLAS MGLQLNLTYE RKDNTTVTRL LNINPNKTSA SGSCGAHLVT LELHSEGTTV LLFQFGMNAS SSRFFLQGIQ LNTILPDARD PAFKAANGSL RALQATVGNS YKCNAEEHVR VTKAFSVNIF KVWVQAFKVE GGQFGSVEEC LLDENSMHHHHHH

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