9051 Mira Mesa Blvd, #910094
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LAMP1 Human

Lysosomal-Associated Membrane Protein Human 1 Recombinant
RCP1217

Product Overview

Name	LAMP1 Human
Description	
Lysosomal-Associated Membrane Protein Human 1 Recombinant	
Accession (Primary)	P11279
Synonyms	
Lysosome-associated membrane glycoprotein 1, LAMP1, CD107a, LAMPA, LGP120, LAMP-1, CD107 antigen-like family member A.	
Introduction	
Lysosomal-Associated Membrane Protein 1 (LAMP1) is a part of the LAMP family. 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. LAMP1 is also found on the plasma membrane during the activation of NK cells, CD8 & T cells, monocytes, basophils, and platelets.	
Source	
Sf9, Baculovirus cells.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
LAMP1 protein solution (1mg/ml) contains phosphate buffered saline (pH7.4) and 10% glycerol.	
Stability	
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.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
ADP AMFMVKN GNGTACIMAN FSAAFSVNYD TKSGPKNMTF DLPSDATVVL NRSSCGKENT SDPSLVIAFG RGHTLTLNFT RNATRYSVQL MSFVYNLSDT HLFPNASSKE IKTVESITDI RADIDKKYRC VSGTQVHMNN VTVTLHDATI QAYLSNSSFS RGETRCEQDR PSPTTAPPAP PSPSPSPVPK SPSVDKYNVS GTNGTCLLAS	

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MGLQLNLTYE RKDNTTVTRL LNINPNKTSA SGSCGAHLVT LELHSEGTTV LLFQFGMNAS SSRFFLQGIQ LNTILPDARD PAFKAANGSL RALQATVGNS YKCNAEEHVR VTKAFSVNIF KVWVQAFKVE GGQFGSVEEC LLDENSM HHH HHH

Precautions

LAMP1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P11279)