
Product Data Sheet

Product Name: LAMP2 Mouse

Cat. No.: GP23794

Batch No.: 1

Product Data

| | | | |
|---------------------|---|--------------------|-------------------------|
| Purity | >98% | Source | Sf9,Baculovirus cells. |
| Physical Appearance | solid | Shipping Condition | Shipped with Ice Packs. |
| Synonyms | Lysosome-associated membrane glycoprotein 2; LAMP-2;Lysosome-associated membrane protein 2; CD107 antigen-like family member B;Lysosomal membrane glycoprotein type B; LGP-B; CD107b. | | |
| Amino Acid Sequence | LIVNLTDSKG TCLYAEWEMN FTITYETTNQ TNKTITIAVP DKATHDGSSCGDDRNSAKIM IQFGFAVSWA VNFTKEASHY SIHDIVLSYN TSDSTVFPGA VAKGVHTVKN PENFKVPLDVIFKCNSVLTY NLTPVVQKYW GIHLQAFVQN GTVSKNEQVC EEDQTPTTVA PIIHTTAPST TTTTLTPTSTPTPTPTPTPTV GNYSIRNGNT TCLLATMGLQ LNITEEKVPF IFNINPATTN FTGSCQPQSA QLRLNNSQIKYLDIFAVKN EKRFYLKEVN VYMYLANGSA FNISNKNLSF WDAPLGSSYM CNKEQVLSVS RAFQINTFNL KVQPFNVTKGQYSTAQDCSA DEDNLEHHHH HH. | | |
| Formulation | LAMP2 protein solution (0.5mg/ml) containing PhosphateBuffered Saline (pH 7.4) and 10% glycerol. | | |

Introduction

The protein encoded by LAMP2 belongs to a family of membrane glycoproteins. This glycoprotein provides selectins with carbohydrate ligands LAMP2 takes part in tumor cell metastasis and in addition has a role in the protection, maintenance, and adhesion of the lysosome. The effect of alternative splicing of this gene is multiple transcript variants encoding distinct proteins.

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).Please avoid freeze thaw cycles.

Caution: Product has not been fully validated for medical applications. For research use only.

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Address: 10292 Central Ave. #205, Montclair, CA, USA

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Background

LAMP2 Mouse Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 362 amino acids (26-379 a.a.) and having a molecular mass of 40.2kDa (Molecular size on SDS-PAGE will appear at approximately 50-70kDa).LAMP2 is expressed with an 8 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

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