

Lamp2, 26-379aa, Mouse, His tag, Baculovirus

Cat.NO.: TP02776

3th Edition

Synonyms:Lysosome-associated membrane glycoprotein 2, Lamp2, CD107b, Lamp II, Lamp-2, Lamp-2a, Lamp-2b, Lamp-2c, LGP-B, Mac3

Description:Lamp2, also known as lysosome-associated membrane glycoprotein 2, is a major component of lysosomal membranes. It is clinically characterized by cardiomyopathy, myopathy, and variable mental retardation. Up-regulated Lamp2 at the plasma membrane serves as an indicator of cell activation of CD8+ T cells, mast cells, monocytes, and platelets. Recombinant mouse Lamp2, 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:40.2kDa (362aa); 50-70KDa (SDS-PAGE under reducing conditions)

Sequences:

LIVNLTDSKGTCLYAEWEMNFTITYETTNQTNKTITIAVPDKATHDGSSCGDDRNSAKIMIQFGFAVSWAVNFTKEAS
HYSIHDIVLSYNTSDSTVFPGAVAKGVHTVKNPENFKVPLDVIFKCNSVLTYNLTPVVQKYWGIHLQAFVQNGTVSK
NEQVCEEDQTPPTVAPIIHTTAPSTTTTLTPTSTPTPTPTPTVGNYSIRNGNTTCLLATMGLQLNITEEKVPPFIFNIN
PATTNFTGSCQPQSAQLRLNNSQIKYLDLFAVKNEKRFYLKEVNVYMYLANGSAFNISKNLSFWDAPLGSSYMC
NKEQVLSVSRFQINTFNLKVQPFNVTKGQYSTAQDCSAEDNLEHHHHHH

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.