

Recombinant Mouse Lamp2 protein(Leu26-Asn379), His-tagged

Cat. No. Lamp2-6974M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse LAMP2 (P17047-1)(Leu 26-Asn 379) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus and a signal peptide at the N-terminus.
Species	Mouse
Source	HEK293
ProteinLength	Leu26-Asn379
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The secreted recombinant mouse LAMP2 comprises 365 amino acids and has a calculated molecular mass of 40.6 kDa. As a result of glycosylation, the recombinant protein migrates as an approximately 70-80 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 97 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name

Lamp2 lysosomal-associated membrane protein 2 [*Mus musculus*]

Official Symbol

Lamp2

Synonyms

LAMP2; lysosomal-associated membrane protein 2; lysosome-associated membrane glycoprotein 2; LGP-B; Lamp II; lysosomal membrane glycoprotein 2; CD107 antigen-like family member B; lysosomal membrane glycoprotein type B; lysosome-associated membrane protein 2; lysosome-associated membrane protein-2; Mac3; CD107b; Lamp-2; Lamp-2a; Lamp-2b; Lamp-2c;

Gene ID

16784

mRNA Refseq

NM_001017959

Protein Refseq

NP_001017959

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