

Datasheet for ABIN7320146  
**LAMP2 Protein (His tag)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µg
Target:	LAMP2
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LAMP2 protein is labelled with His tag.

## Product Details

Purpose:	Recombinant Mouse LAMP2/CD107b Protein (His Tag)
Sequence:	Leu 26-Asn 379
Characteristics:	A DNA sequence encoding the mouse LAMP2 (P17047-1) extracellular domain (Leu 26-Asn 379) was fused with a polyhistidine tag at the C-terminus and a signal peptide at the N-terminus.
Purity:	> 97 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method.

## Target Details

Target:	LAMP2
Alternative Name:	LAMP2/CD107b ( <a href="#">LAMP2 Products</a> )
Background:	Background: LAMP2 (Lysosomal-associated membrane protein 2), also known as CD107b (Cluster of Differentiation 107b), is a member of a family of membrane glycoproteins. This

## Target Details

glycoprotein provides selectins with carbohydrate ligands. In human, LAMP2, the causative gene of Danon disease, located on chromosome Xq24, encodes the lysosome-associated membrane protein-2 (LAMP-2). LAMP-2 deficiency, or Danon disease, is a rare X-linked lysosomal disease characterized by cardiomyopathy, vacuolar myopathy, and mental retardation. LAMP2 cardiomyopathy is an X-linked and highly progressive myocardial storage disorder associated with diminished survival, which clinically resembles sarcomeric hypertrophic cardiomyopathy.

Synonym: CD107b,Lamp-2,Lamp-2a,Lamp-2b,Lamp-2c,LampII,LGP-B,Mac3

Molecular Weight: 40.6 kDa

Pathways: [Autophagy](#)

## Application Details

Restrictions: For Research Use only

## Handling

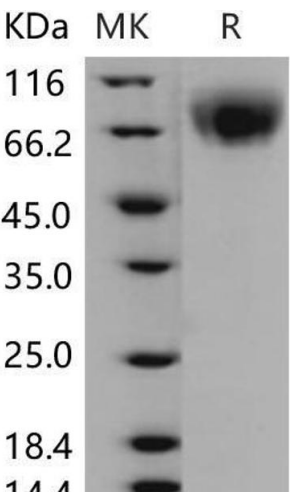
Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile PBS, pH 7.4

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.



Western Blotting

Image 1.