

Datasheet for ABIN5854611  
**LAMP2 Protein (AA 26-379) (His tag)**



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1 Image

## Overview

Quantity:	50 µg
Target:	LAMP2
Protein Characteristics:	AA 26-379
Origin:	Mouse
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LAMP2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

## Product Details

Sequence:	LIVNLTDSKG TCLYAEWEMN FTITYETTNG TNKTITIAVP DKATHDGSSC GDDRNSAKIM IQFGFAVSWA VNFTKEASHY SIHDIVLSYN TSDSTVFPGA VAKGVHTVKN PENFKVPLDV IFKCNVLTLY NLTVPVQKYW GIHLQAFVQN GTVSKNEQVC EEDQTPTTVA PIIHTTAPST TTTLTPTSTP TPTPTPTPTV GNYSIRNGNT TLLATMGLQ LNITEEKVPF IFNINPATTN FTGSCQPQSA QLRLNNSQIK YLDFIFAVKN EKRFYLKEVN VYMYLANGSA FNISKNLSF WDAPLGSSYM CNKEQVLSVS RAFQINTFNL KVQPFNVTKG QYSTAQDCSA DEDNLEHHHH HH
Purity:	> 95 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1 microgram of protein (determined by LAL method)

## Target Details

Target:	LAMP2
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## Target Details

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Alternative Name:	Lamp2 ( <a href="#">LAMP2 Products</a> )
Background:	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.
Molecular Weight:	40.2kDa (362aa) 50-70KDa (SDS-PAGE under reducing conditions)
NCBI Accession:	<a href="#">NP_001017959</a>
UniProt:	<a href="#">P17047</a>
Pathways:	<a href="#">Autophagy</a>

## Application Details

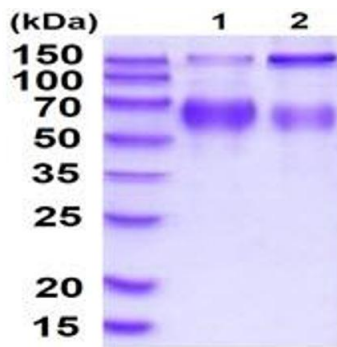
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Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Liquid. In Phosphate Buffered Saline ( pH 7.4) containing 10 % glycerol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



15% SDS-PAGE (3ug)

Lane 1: reducing conditions

Lane 2: non-reducing conditions

## SDS-PAGE

Image 1.