

Datasheet for ABIN7597434

LAMP5 Protein (AA 30-235) (His tag)



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Overview

Quantity:	10 µg
Target:	LAMP5
Protein Characteristics:	AA 30-235
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LAMP5 protein is labelled with His tag.

Product Details

Purpose:	Recombinant human LAMP5 Protein with C-terminal 10xHis tag
Sequence:	LAMP5(Glu30-Glu235) 10xHis tag
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	LAMP5
Alternative Name:	LAMP5 (LAMP5 Products)
Background:	LAMP-5, UNC-46, BADLAMP, BAD-LAMP, C20orf103 Predicted to be involved in establishment of protein localization to organelle. Located in endoplasmic reticulum-Golgi intermediate compartment membrane, endosome membrane, and plasma membrane. [provided by Alliance of Genome Resources, Apr 2022]

Target Details

Molecular Weight: predicted molecular mass of 24.4 kDa after removal of the signal peptide. The apparent molecular mass of LAMP5-His is 25-35 kDa due to glycosylation.

UniProt: [Q9UJQ1](#)

Application Details

Application Notes: Extracellular Domain Proteins (ECD) can be used as:

- Immunogens for antibody drug development
- Reagents used for CAR-T positive cell monitoring
- Reagents for antibody screening and functional testing
- Reagents for antibody affinity measurement

Comment: The protein was made using HEK293 mammalian cell secretion expression system to ensure the close-to-native structures and post-translational modifications of the target protein.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization.

Storage: -20 °C, -80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months