PRODUCT INFORMATION

Target	LAMP5
Synonyms	LAMP-5; UNC-46; BADLAMP; BAD-LAMP; C20orf103
Description	Recombinant human LAMP5 Protein with C-terminal 10×His tag
Delivery	In Stock
Uniprot ID	Q9UJQ1
Expression Host	HEK293
Tag	C-10×His tag
Molecular Characterization	LAMP5(Glu30-Glu235) 10×His tag
Molecular Weight	The protein has a predicted molecular mass of 24.4 kDa after removal of the signal peptide. The apparent molecular mass of LAMP5-His is approximately 25-35 kDa due to glycosylation.
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	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.
Background	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]
Usage	Research use only
Conjugate	Unconjugated

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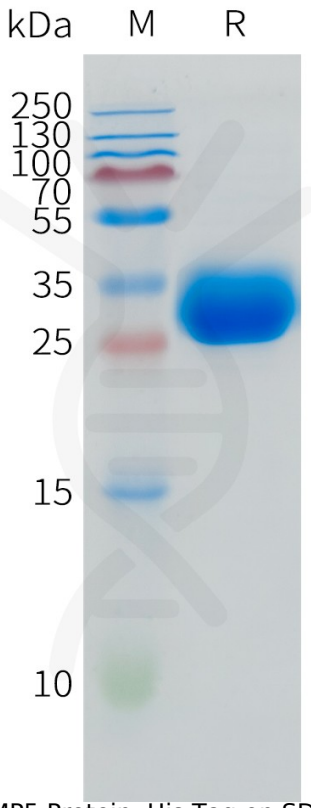


Figure 1. Human LAMP5 Protein, His Tag on SDS-PAGE under reducing condition.

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