PRODUCT INFORMATION

Target	LAMP5
Synonyms	LAMP-5;BAD-LAMP;C20orf103
Description	Recombinant human LAMP5 protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	Q9UJQ1
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	LAMP5(Glu30-Glu235) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 49.2 kDa after removal of the signal peptide. The apparent molecular mass of LAMP5-hFc is approximately 55-70 kDa due to glycosylation.
Purity	The purity of the protein is greater than 95% 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	Plays a role in short-term synaptic plasticity in a subset of GABAergic neurons in the brain.[UniProtKB/Swiss-Prot Function]
Usage	Research use only
Conjugate	Unconjugated

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Address: Wuhan institute of Biotechnology B7, Biolake No.666 Gaoxin Road, Wuhan, Hubei, China
Telephone: +1 2409940618(USA)
/+86-18062749453(China)
/+86-400-006-0995(China)

Email: info@dimabio.com
Website: www.dimabio.com

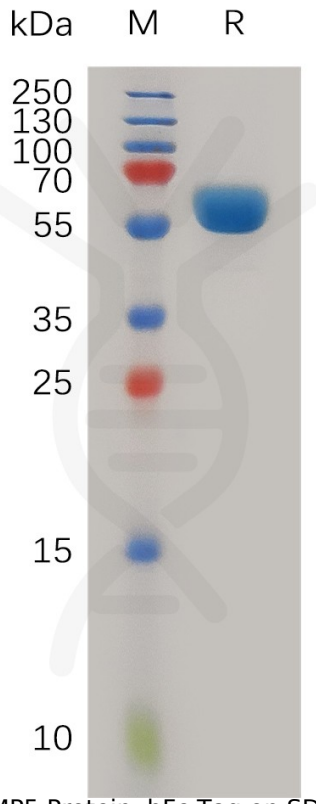


Figure 1. Human LAMP5 Protein, hFc Tag on SDS-PAGE under reducing condition.

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