PRODUCT INFORMATION

Target	LAMP3
Synonyms	CD208;DC-LAMP;DC LAMP;DCLAMP;LAMP;LAMP-3;TSC403
Description	Recombinant human LAMP3 protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	Q9UQV4
Expression Host	HEK293
Tag	C-6×His Tag
Molecular Characterization	LAMP3(Lys28-Thr381) 6×His tag
Molecular Weight	The protein has a predicted molecular mass of 38.6 kDa after removal of the signal peptide. The apparent molecular mass of LAMP3-His is approximately 35-130 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	Dendritic cells (DCs) are the most potent antigen-presenting cells. Immature DCs efficiently capture antigens and differentiate into interdigitating dendritic cells (IDCs) in lymphoid tissues that induce primary T-cell responses (summary by de Saint-Vis et al., 1998 [PubMed 9768752]).[supplied by OMIM, Dec 2010]
Usage	Research use only
Conjugate	Unconjugated

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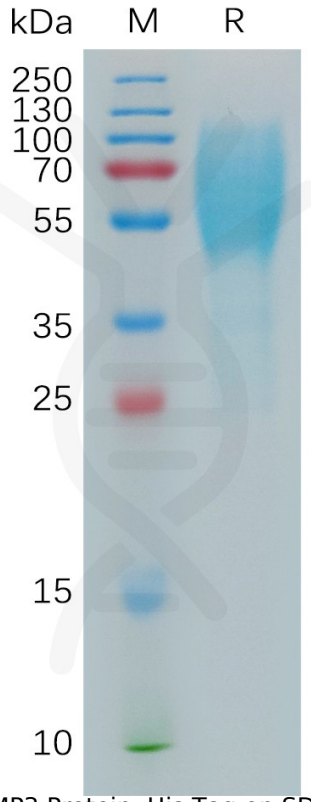


Figure 1. Human LAMP3 Protein, His Tag on SDS-PAGE under reducing condition.

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