

PRODUCT INFORMATION

Target	LAMP
Synonyms	CD208;DC-LAMP;DC LAMP;DCLAMP;LAMP;LAMP-3;TSC403
Description	Recombinant human LAMP protein with C-terminal human Fc tag
Delivery	Under development
Uniprot ID	Q13449
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	LAMP(Val29-Asn315) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 45.9 kDa after removal of the signal peptide.
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

