

PRODUCT INFORMATION

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| 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 |

