

PRODUCT INFORMATION

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| Target | CLEC4C |
| Synonyms | BDCA-2;CD303 |
| Description | Recombinant human CLEC4C protein with N-terminal human Fc tag |
| Delivery | In Stock |
| Uniprot ID | Q8WTT0 |
| Expression Host | HEK293 |
| Tag | N-Human Fc Tag |
| Molecular Characterization | hFc(Glu99-Ala330) CLEC4C(Asn45-Ile213) |
| Molecular Weight | The protein has a predicted molecular mass of 46.1 kDa after removal of the signal peptide. The apparent molecular mass of hFc-CLEC4C 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 | This gene encodes a member of the C-type lectin/C-type lectin-like domain (CTL/CTLD) superfamily. Members of this family share a common protein fold and have diverse functions, such as cell adhesion, cell-cell signalling, glycoprotein turnover, and roles in inflammation and immune response. The encoded type 2 transmembrane protein may play a role in dendritic cell function. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008] |
| Usage | Research use only |
| Conjugate | Unconjugated |



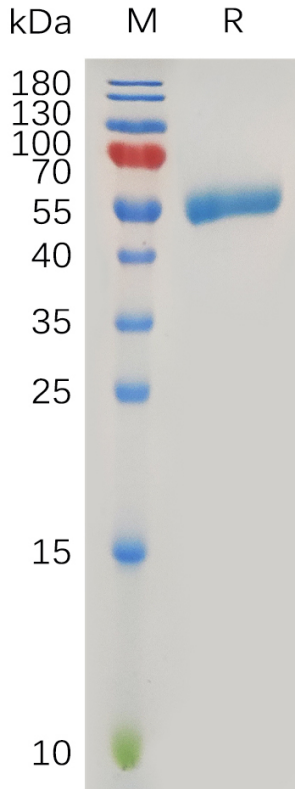


Figure 1. Human CLEC4C Protein, hFc Tag on SDS-PAGE under reducing condition.

Human CLEC4C, hFc Tagged protein ELISA

0.2 µg of Human CLEC4C, hFc tagged protein per well

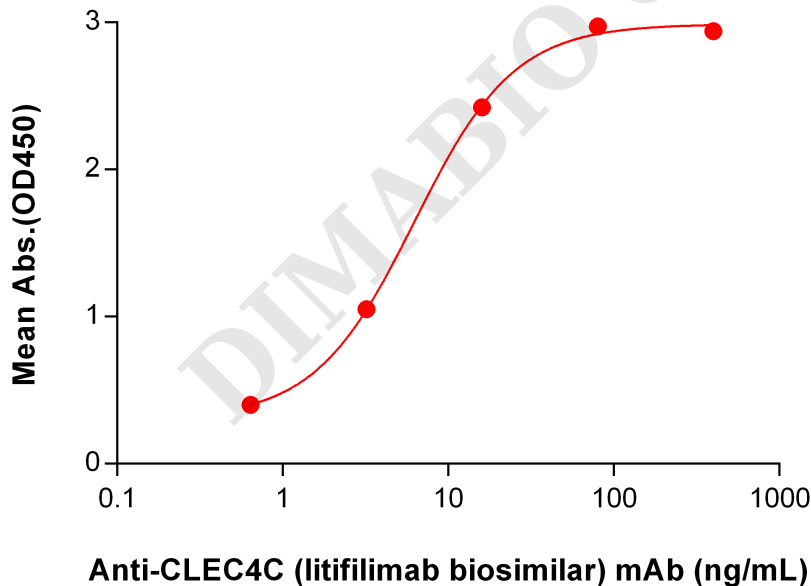


Figure 2. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human CLEC4C Protein, hFc Tag (PME100756) can bind Anti-CLEC4C (litifilimab biosimilar) mAb (BME100155) in a linear range of 0.64–80.00 ng/mL.

