

**PRODUCT INFORMATION**

<b>Target</b>	CLEC4C
<b>Synonyms</b>	BDCA-2;CD303
<b>Description</b>	Recombinant human CLEC4C protein with N-terminal human Fc tag
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	Q8WTT0
<b>Expression Host</b>	HEK293
<b>Tag</b>	N-Human Fc Tag
<b>Molecular Characterization</b>	hFc(Glu99-Ala330) CLEC4C(Asn45-Ile213)
<b>Molecular Weight</b>	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.
<b>Purity</b>	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
<b>Formulation &amp; Reconstitution</b>	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.
<b>Storage&amp;Shipping</b>	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.
<b>Sterility</b>	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 µm) prior to use.
<b>Background</b>	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]
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated



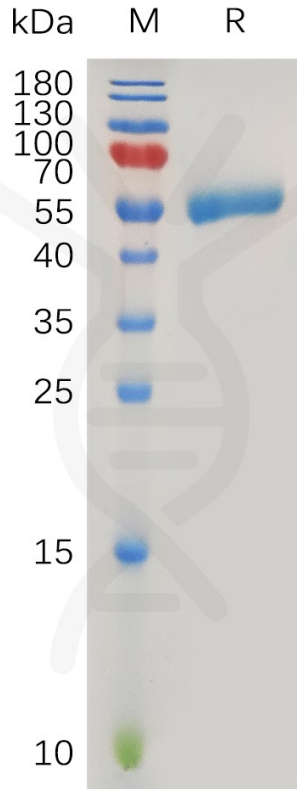


Figure 1. Human CLEC4C Protein, hFc Tag on SDS-PAGE under reducing condition.

### Human CLEC4C, hFc Tagged protein ELISA

0.2  $\mu$ g of Human CLEC4C, hFc tagged protein per well

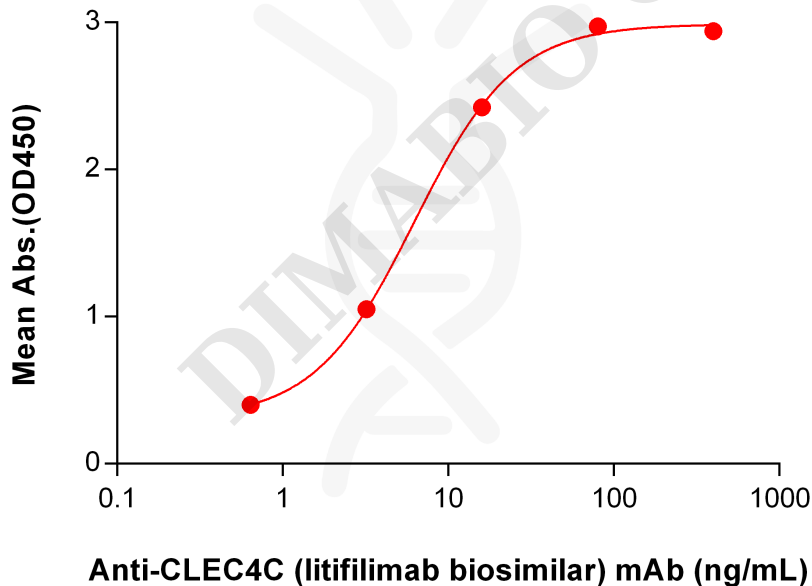


Figure 2. ELISA plate pre-coated by 2  $\mu$ g/mL (100  $\mu$ L/well) Human CLEC4C Protein, hFc Tag (PME100756) can bind Anti-CLEC4C (litifilimab biosimilar) mAb (BME100155) in a linear range of 0.64–80.00 ng/mL.

