

## PRODUCT INFORMATION

<b>Target</b>	FCRL5
<b>Synonyms</b>	CD307; FCRH5; IRTA2; BXMAS1; CD307e; PRO820
<b>Description</b>	Recombinant human FCRL5(745-847)Protein with C-terminal human Fc tag
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	Q96RD9
<b>Expression Host</b>	HEK293
<b>Tag</b>	C-Human Fc tag
<b>Molecular Characterization</b>	FCRL5(Val745-Pro847)hFc(Glu99-Ala330)
<b>Molecular Weight</b>	The protein has a predicted molecular mass of 36.9 kDa after removal of the signal peptide. The apparent molecular mass of FCRL5(745-847)-hFc is approximately 35-70 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.
<b>Background</b>	This gene encodes a member of the immunoglobulin receptor superfamily and the Fc-receptor like family. This gene and several other Fc receptor-like gene members are clustered on the long arm of chromosome 1. The encoded protein is a single-pass type I membrane protein and contains 8 immunoglobulin-like C2-type domains. This gene is implicated in B cell development and lymphomagenesis. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Sep 2010]
<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>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated



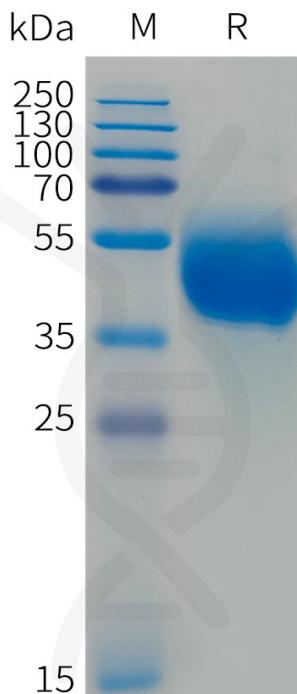
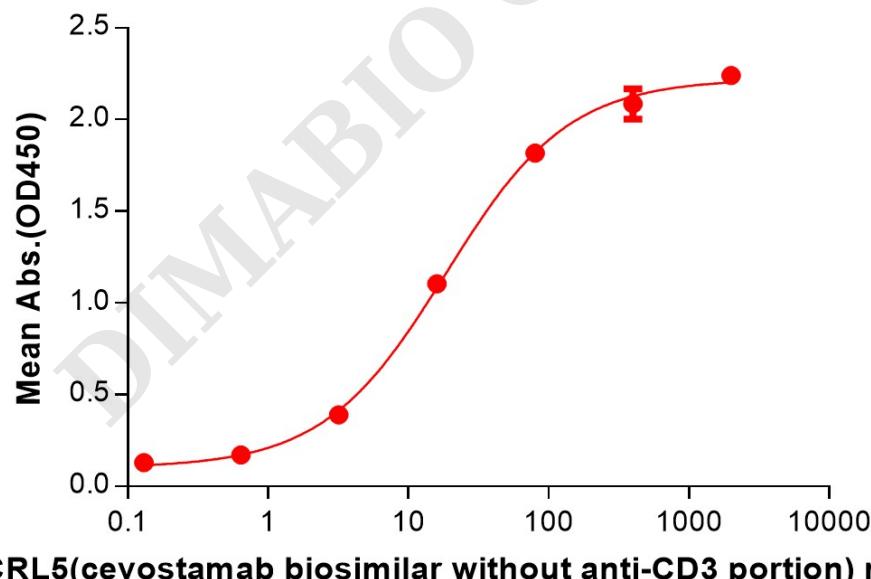


Figure 1. Human FCRL5(745-847) Protein, hFc Tag on SDS-PAGE under reducing condition.

### Human FCRL5(745-847), hFc Tagged protein ELISA

0.2  $\mu$ g of Human FCRL5(745-847), hFc tagged protein per well



#### Anti-FCRL5(cevostamab biosimilar without anti-CD3 portion) mAb (ng/mL)

Figure 2. ELISA plate pre-coated by 2  $\mu$ g/mL (100  $\mu$ L/well) Human FCRL5(745-847) Protein, hFc Tag (PME101493) can bind Anti-FCRL5(cevostamab biosimilar without anti-CD3 portion) mAb (BME100089) in a linear range of 3.20-400 ng/mL.

