Cat. No. PME101493



PRODUCT INFORMATION

FCRL5 **Target**

CD307; FCRH5; IRTA2; BXMAS1; CD307e; PRO820 **Synonyms**

Recombinant human FCRL5(745-847)Protein with **Description**

C-terminal human Fc tag

Delivery In Stock **Uniprot ID Q96RD9 Expression Host HEK293**

Tag C-Human Fc tag

Molecular

Background

FCRL5(Val745-Pro847)hFc(Glu99-Ala330) Characterization

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 **Molecular Weight** is approximately 35-70 kDa due to glycosylation.

The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions.

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

Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

This gene encodes a member of the immunoglobulin receptor superfamily and the Fc-

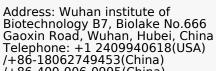
receptor like family. This gene and several other Fc receptor-like gene members are clustered on the long arm of chromosome 1. The encoded protein is a single-pass type I membrane protein and contains 8 immunoglobulin-like C2-type

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]

Usage Research use only

Conjugate Unconjugated



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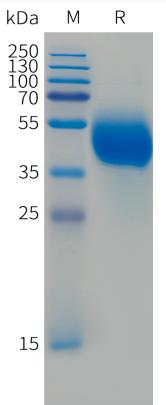
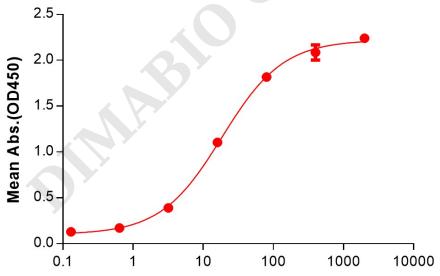


Figure 1. Human FCRL5(745-847) Protein, hFc Tag on SDS-PAGE under reducing condition.

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

0.2 μg 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 μ g/mL (100 μ 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.

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