

32-18452: Human FCRL5(745-847)Protein, mFc Tag

Uniprot ID : Q96RD9

Alternative Name : CD307; FCRH5; IRTA2; BXMAS1; CD307e; PRO820

Description

Description : Recombinant human FCRL5(745-847)Protein with C-terminal mouse Fc tag

Background : 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.

Molecular Characterization: mass of 37.0 kDa after removal of the signal peptide. The apparent molecular mass of FCRL5(745-847)-mFc is approximately 35-55 kDa due to glycosylation.

Tag : C-mouse Fc tag

Product Info

Amount : 50 µg / 100 µg

Purification : The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.

Content : Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.

Storage condition : 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.

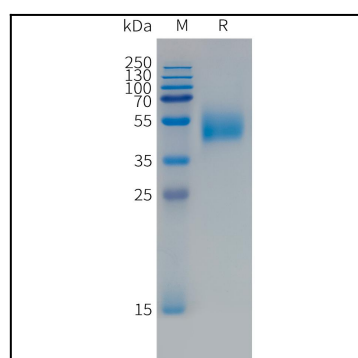


Figure 1. Human FCRL5(745-847) Protein, mFc Tag on SDS-PAGE under reducing condition.

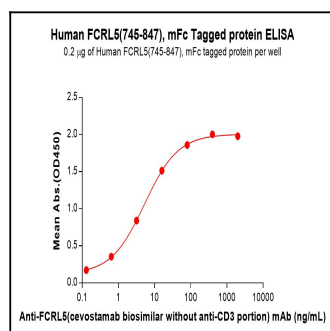


Figure 2. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human FCRL5(745-847) Protein, mFc Tag can bind Anti-FCRL5(cevostamab biosimilar without anti-CD3 portion) mAb in a linear range of 0.64-80 ng/mL.