HUMAN FCRL5 PROTEIN, HIS TAG

Cat.#: 11421
Product Name: Human FCRL5 Protein
Size : 10 µg, 50 µg and 100 µg
Synonyms: BXMAS1;CD307;CD307e;FCRH5;IRTA2;PRO820
Target: FCRL5
UNIPROT ID: Q96RD9
Description: Recombinant human FCRL5 protein with C-terminal 6xHis 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. [provided by RefSeq, Sep 2010]
Species/Host: HEK293
Molecular Weight: The protein has a predicted molecular mass of 92.1 kDa after removal of the signal peptide. The apparent molecular mass of FCRL5-His is approximately 100-130 kDa due to glycosylation.
Molecular Characterization: FCRL5(Gln16-Thr850) 6×His tag
Purity: The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.
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.

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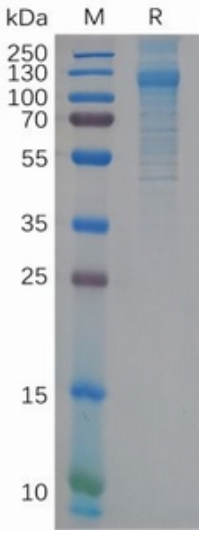

Figure 1. Human FCRL5 Protein, His Tag on SDS-PAGE under reducing condition.

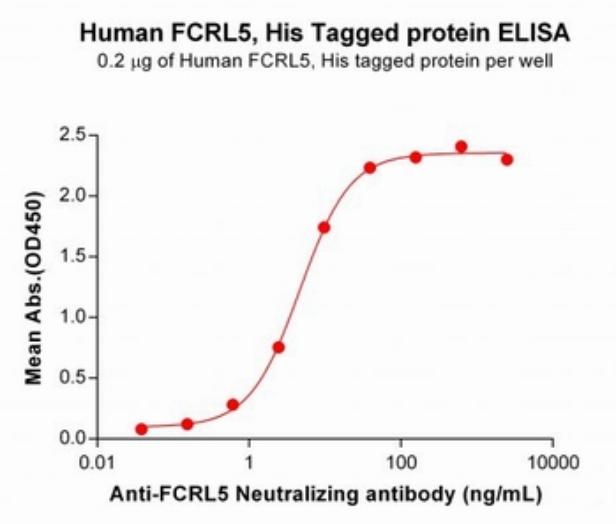

Figure 2. ELISA plate pre-coated by 2 μg/ml (100 μl/well) Human FCRL5 Protein, His Tag (11421) can bind Anti-FCRL5 Neutralizing antibody 28092 in a linear range of 0.61-39.06 ng/mL.

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