

**PRODUCT INFORMATION**

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|---|--|
| <b>Target</b>                           | FCRL5  |
| <b>Synonyms</b>                         | BXMAS1;CD307;CD307e;FCRH5;IRTA2;PRO820   |
| <b>Description</b>                      | Recombinant human FCRL5 protein with C-terminal 6×His tag  |
| <b>Delivery</b>                         | In Stock   |
| <b>Uniprot ID</b>                       | Q96RD9   |
| <b>Expression Host</b>                  | HEK293   |
| <b>Tag</b>                              | C-6×His Tag  |
| <b>Molecular Characterization</b>       | FCRL5(Gln16-Thr850) 6×His tag  |
| <b>Molecular Weight</b>                 | 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.  |
| <b>Purity</b>                           | The purity of the protein is greater than 85% 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>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>Usage</b>                            | Research use only  |
| <b>Conjugate</b>                        | Unconjugated   |





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

### Human FCRL5, His Tagged protein ELISA

0.2  $\mu\text{g}$  of Human FCRL5, His tagged protein per well

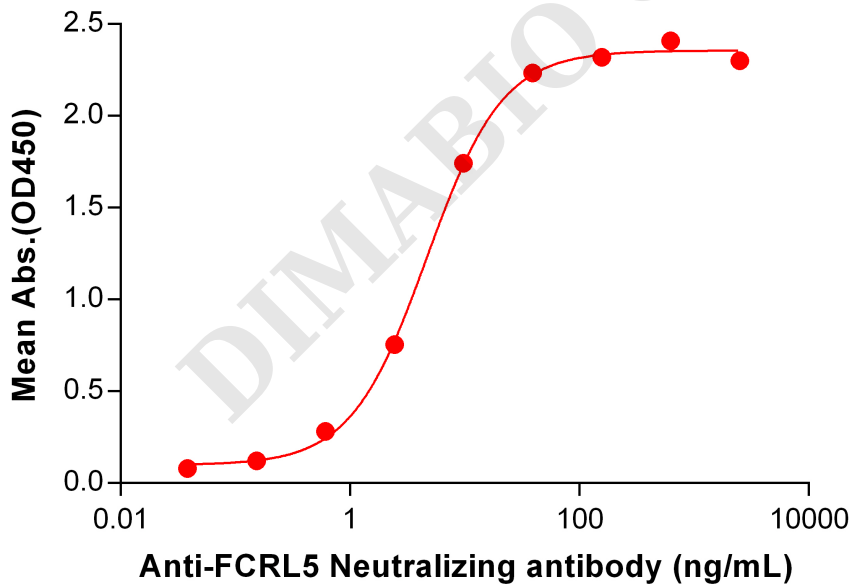


Figure 2. ELISA plate pre-coated by 2  $\mu\text{g}/\text{mL}$  (100  $\mu\text{L}/\text{well}$ ) Human FCRL5 Protein, His Tag (PME100625) can bind Anti-FCRL5 Neutralizing antibody BME100089 in a linear range of 0.61-39.06 ng/mL.

