

**HUMAN FCRL2 PROTEIN, HIS TAG****Cat.#:** 11913**Product Name:** Human FCRL2 Protein**Size:** 10 µg, 50 µg and 100 µg**Synonyms:** CD307b;FCRH2;IFGP4;IRTA4;SPAP1;SPAPIA;SPAPIB;SPAPIC**Target:** FCRL2**UNIPROT ID:** Q96LA5**Description:** Recombinant Human FCRL2 Protein with C-terminal 6xHis tag

**Background:** This gene encodes a member of the immunoglobulin receptor superfamily and is one of several Fc receptor-like glycoproteins clustered on the long arm of chromosome 1. The encoded protein has four extracellular C2-type immunoglobulin domains, a transmembrane domain and a cytoplasmic domain that contains one immunoreceptor-tyrosine activation motif and two immunoreceptor-tyrosine inhibitory motifs. This protein may be a prognostic marker for chronic lymphocytic leukemia. Alternatively spliced transcript variants have been described, but their biological validity has not been determined. [provided by RefSeq, Apr 2009]

**Species/Host:** HEK293

**Molecular Weight:** The protein has a predicted molecular mass of 42.2 kDa after removal of the signal peptide. The apparent molecular mass of FCRL2-His is approximately 55–70 kDa due to glycosylation.

**Molecular Characterization:** FCRL2(Leu20–Thr398) 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.



Figure 1. Human FCRL2 Protein, His Tag on SDS-PAGE under reducing condition.