

**Recombinant Human Fc Receptor-Like Protein 1 Protein**

**Cat.NO.: TP04874**

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3th Edition

**Synonyms:**Fc Receptor-Like Protein 1; FcR-Like Protein 1; FcRL1; Fc Receptor Homolog 1; FcRH1; IFGP Family Protein 1; hIFGP1; Immune Receptor Translocation-Associated Protein 5; CD307a; FCRL1; FCRH1; IFGP1; IRTA5

**Description:**Fc Receptor-Like Protein 1 (FCRL1) is a single-pass type I membrane protein that may function as an activating coreceptor in B cells. FCRL1 is primarily expressed in secondary lymphoid tissues by mature subsets of B cells. It can be detected in the spleen, lymph node, heart, skeletal muscle, kidney, liver and placenta. It is specifically expressed by mature B lineage cells with higher expression at the protein level in naive B cells compared to memory B cells. FCRL1 contains three extracellular C2-like immunoglobulin domains, a transmembrane domain, and a cytoplasmic domain with two immunoreceptor-tyrosine activation motifs and may play a role in the regulation of cancer cell growth.

**Form:**PBS

**Molecular Weight:**32.2 kDa

**Sequences:**Ala17-Asn303

**Purity:**> 95% by HPLC

**Concentration:**

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.