

**Recombinant Mouse Fc receptor-like protein 1 Protein**

**Cat.NO.: TP05208**

3th Edition

**Synonyms:**Fc receptor-like protein 1; FcR-like protein 1; FcRL1; BXMAS1-like protein 1; mBXMH1; Fc receptor homolog 1; FcRH1 ; moFcRH1 ; IFGP family protein 1; mIFGP1; CD307a

**Description:**Mouse Fc receptor-like protein 1 (FCRL1) is a single-pass type I membrane protein. It is expressed in B-cells at the various stages of differentiation. Mouse FCRL1 consists of a 203 amino acid (aa) extracellular domain (ECD) with two Ig-like domains, a 21 aa transmembrane segment, and a 103 aa cytoplasmic domain with two immunotyrosine activation motifs (ITAMs). FCRL1 is likely not a receptor for immunoglobulin. It may function as an activating coreceptor in B-cells and B-cells differentiation.

**Form:**PBS

**Molecular Weight:**22.5 kDa

**Sequences:**Ala17-Ser219

**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.