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**Recombinant Mouse FCRL1 Protein (His Tag)****Cat.NO.: TP07446**

3th Edition

**Synonyms:**A230020G22Rik Protein, Mouse;Bxmas1 Protein, Mouse;Bxmh1 Protein, Mouse;Bxmh1b Protein, Mouse;Fcrh1 Protein, Mouse;Fcrh1l Protein, Mouse;Fcrh1s Protein, Mouse;Ifgp1 Protein, Mouse

**Description:**Fc receptor-like protein 1, also known as FcR-like protein 1, Fc receptor homolog 1, IFGP family protein 1, Immune receptor translocation-associated protein 5 and FCRL1, is a single-pass type I membrane protein which contains three Ig-like C2-type (immunoglobulin-like) domains. It is a cell-surface membrane protein belonging to FCRL family and is preferentially expressed on B cells. FCRL1 is primarily expressed in secondary lymphoid tissues by mature subsets of B cells. It is detected in spleen, lymph node, heart, skeletal muscle, kidney, liver and placenta. FCRL1 is specifically expressed by mature B lineage cells with higher expression in naive versus memory B cells (at protein level). Human Fc receptor-like molecules (FCRL1, FCRL2, FCRL3, FCRL4, FCRL5) have tyrosine-based immunoregulatory potential and are expressed by B-lineage subpopulations. FCRL1 may function as an activating coreceptor in B cells. It may also function in B cells activation and differentiation.

**Form:**PBS

**Molecular Weight:**21.6 kDa

**Sequences:**Met1-Thr204

**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.