

## 32-8810: Recombinant Mouse Fc Receptor-like Protein 1/FCRL1/FcRH1 (C-6His)

**Gene :** Fcrl1  
**Gene ID :** 229499  
**Uniprot ID :** Q8R4Y0

### Description

Source: Human Cells.

MW :22.5kD.

Recombinant Mouse Fc receptor-like protein 1 is produced by our expression system and the target gene encoding Ala17-Ser219 is expressed with a 6His tag at the C-terminus. 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.

### Product Info

**Amount :** 10 µg / 50 µg

**Content :** Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.

**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

**Amino Acid :** AGISDVSLKTRPPGGWVMEGDKLVLCISVDRVTGNITYFWYRGALGFQLETKTQPSLTAEFEISDMKQSDADQY  
YCAANDGHDPIASELVSIHVRVPVSRPVLTFGDSGTQAVLGDLVELHCKALRGSPPIFYQFYHESIILGNSSAPSG  
GGASFNFSLTAEHSGNFSCEASNGQGAQRSEVVALNLTGLSLVPTENGISHLSHHHHHH

### Application Note

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.