

## 32-7540: Recombinant Human Fc Receptor-Like Protein 1/FCRL1/CD307a (C-6His)

**Gene :** FCRL1  
**Gene ID :** 115350  
**Uniprot ID :** Q96LA6

### Description

Source: Human Cells.  
MW :32.24kD.

Recombinant Human FcRL1 is produced by our Mammalian expression system and the target gene encoding Ala17-Asn303 is expressed with a 6His tag at the C-terminus. 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.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, 1mM EDTA, pH 7.4.  
Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks.  
**Storage condition :** 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 :** AELFLIASPSHPTGSPVTLTCKMPFLQSSDAQFQFCFFRDTRALGPGWSSSPKLQIAAMWKEDTGSYWCEAQ  
TMASKVLRSRRSQINVHRVPVADVSLETQPPGGQVMEGDRLVLICSVAMGTGDITFLWYKGAUGLNLQSKTQR  
SLTAEYEIPSVRESDAEQYYCVAENGYGPPSPGLVSITVRIPVSRPILMLRAPRAQAAVEDVLELHCEALRGSPPII  
YWFYHEDITLGSRSAPSGGGASFNLSLTEEHSNGYSCEANGLGAQRSEAVTLNFTVPTGARSNVDHHHHHH

### Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

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