

Recombinant Mouse FCRL1 Protein (aa 17-219, His Tag)

Catalog No. PKSM041196

Note: Centrifuge before opening to ensure complete recovery of vial contents.

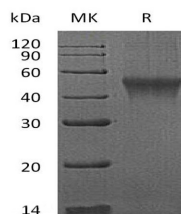
Description

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;Bxmas1;Bxmh1;Bxmh1b;Fcrh1;Fcrh1l;Fcrh1s;Ifgp1 Protein
Species	Mouse
Expression Host	HEK293 Cells
Sequence	Ala17-Ser219
Accession	BAC30017.1
Calculated Molecular Weight	22.5 kDa
Observed molecular weight	40-60 kDa
Tag	C-His
Bioactivity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

Background

For Research Use Only

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.