

Human FCRL2/IRTA4 Protein

Cat. No. FCR-HM102



Description

Source	Recombinant Human FCRL2/IRTA4 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Leu20-Val401.
Accession	Q96LA5-1
Molecular Weight	The protein has a predicted MW of 42.7 kDa. Due to glycosylation, the protein migrates to 60-70 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

Formulation and Storage

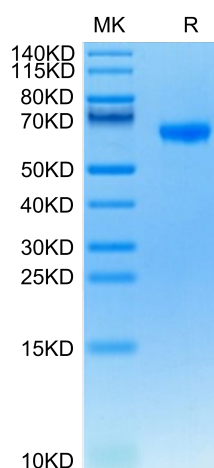
Formulation	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

Fc receptor-like 2 (FCRL2) is highly expressed on B-cell chronic lymphocytic leukemia (B-CLL) cells and could possibly influence disease pathogenesis. FCRL2 mRNA expression was found to be expressed at considerably higher levels in peripheral blood mononuclear cells (PBMC) of B-CLL patients compared to controls (range 1.35- to 210-fold upregulation; $P < 0.0001$) and cells of other hematological diseases.

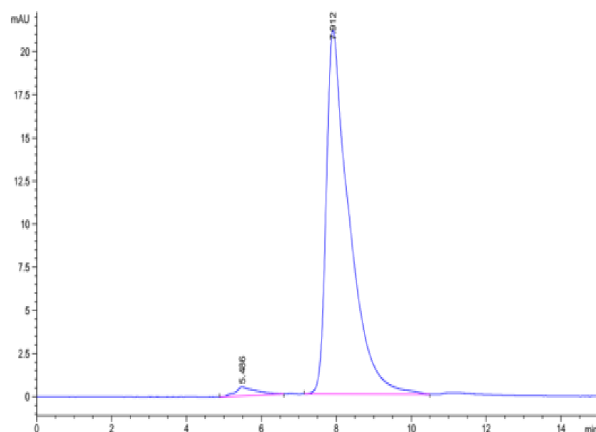
Assay Data

Bis-Tris PAGE



Human FCRL2 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC



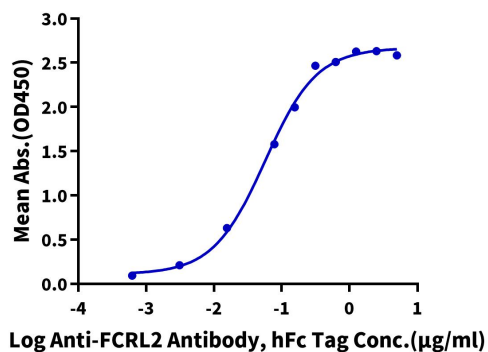
The purity of Human FCRL2 is greater than 95% as determined by SEC-HPLC.

Assay Data

ELISA Data

Human FCRL2, His Tag ELISA

0.5µg Human FCRL2, His Tag Per Well



Immobilized Human FCRL2, His Tag at 5µg/ml (100µl/well) on the plate. Dose response curve for Anti-FCRL2 Antibody, hFc Tag with the EC50 of 56.8ng/ml determined by ELISA (QC Test).