

Synonym

BXMAS1, CD307, CD307e, FCRH5, IRTA2, PRO820

Source

Human FCRL5 Protein, His Tag(FC5-H52H3) is expressed from human 293 cells (HEK293). It contains AA Gln 16 - Gly 851 (Accession # [Q96RD9-1](#)).

Molecular Characterization

FCRL5(Gln 16 - Gly 851) Q96RD9-1	Poly-his
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This protein carries a polyhistidine tag at the C-terminus

The protein has a calculated MW of 93.3 kDa. The protein migrates as 105-125 kDa when calibrated against [Star Ribbon Pre-stained Protein Marker](#) under reducing (R) condition (SDS-PAGE) due to glycosylation.

Endotoxin

Less than 0.01 EU per µg by the LAL method.

Purity

>90% as determined by SDS-PAGE.

>90% as determined by SEC-MALS.

Formulation

Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.

Contact us for customized product form or formulation.

Reconstitution

Please see Certificate of Analysis for specific instructions.

For best performance, we strongly recommend you to follow the reconstitution protocol provided in the CoA.

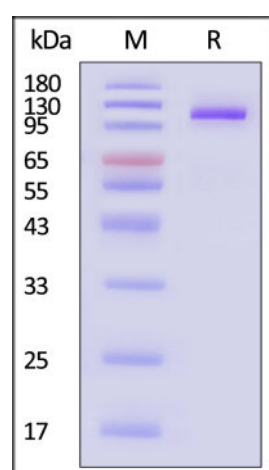
Storage

For long term storage, the product should be stored at lyophilized state at -20°C or lower.

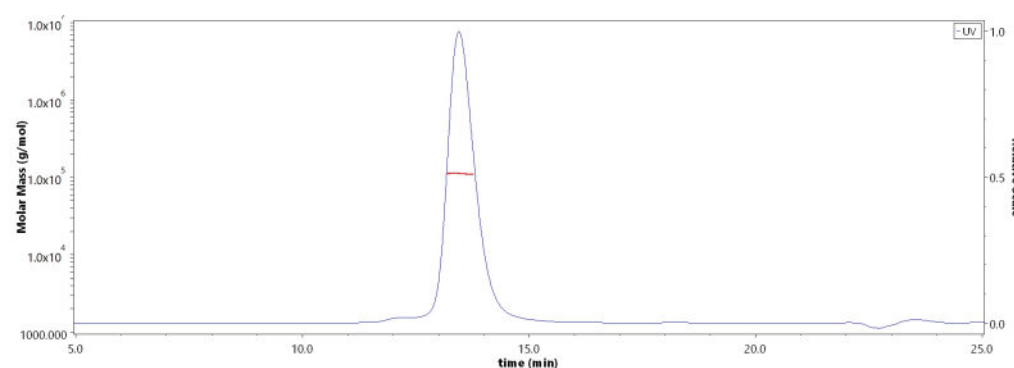
Please avoid repeated freeze-thaw cycles.

This product is stable after storage at:

- -20°C to -70°C for 12 months in lyophilized state;
- -70°C for 3 months under sterile conditions after reconstitution.

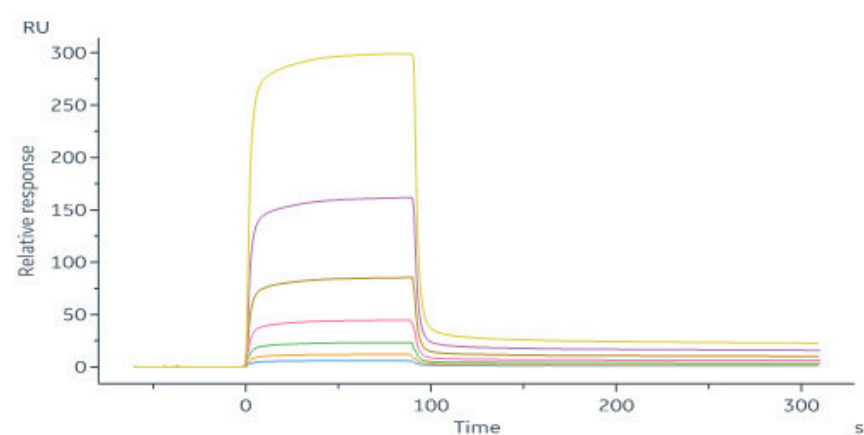
SDS-PAGE

Human FCRL5 Protein, His Tag on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90% (With [Star Ribbon Pre-stained Protein Marker](#)).

Bioactivity-SPR**SEC-MALS**

The purity of Human FCRL5 Protein, His Tag (Cat. No. FC5-H52H3) is more than 90% and the molecular weight of this protein is around 95-125 kDa verified by SEC-MALS.

[Report](#)



Human FCRL5 Protein, His Tag (Cat. No. FC5-H52H3) capture on NTA-Series S sensor chip can bind Ipilimumab with an affinity constant of 28.0 μ M as determined in a SPR assay (Biacore 8K) (Routinely tested).

Background

May be involved in B-cell development and differentiation in peripheral lymphoid organs and may be useful markers of B-cell stages. May have an immunoregulatory role in marginal zone B-cells.

Clinical and Translational Updates

Please contact us via TechSupport@acrobiosystems.com if you have any question on this product.