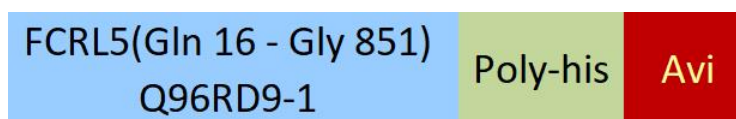


**Source**

Biotinylated Human FCRL5, His,Avitag™(FC5-H82E3) is expressed from human 293 cells (HEK293). It contains AA Gln 16 - Gly 851 (Accession # [Q96RD9-1](#) ).

**Molecular Characterization**



This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag (Avitag™)

The protein has a calculated MW of 95.0 kDa. The protein migrates as 105-125 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

**Labeling**

*Biotinylation of this product is performed using Avitag™ technology. Briefly, the single lysine residue in the Avitag is enzymatically labeled with biotin.*

**Protein Ratio**

Passed as determined by the HABA assay / binding ELISA.

**Endotoxin**

Less than 1.0 EU per µg by the LAL method.

**Purity**

>95% as determined by SDS-PAGE.

**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**

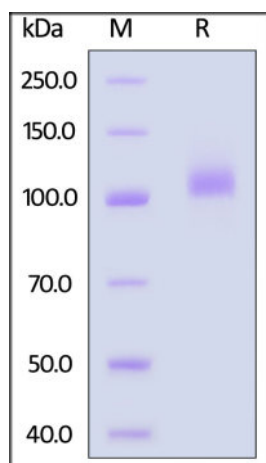
For long term storage, the product should be stored at lyophilized state at -20°C or lower.

*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.

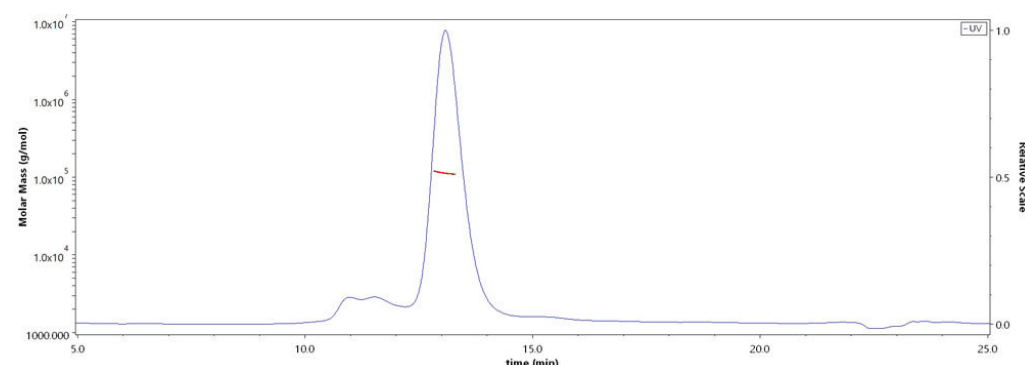
**SDS-PAGE**



Biotinylated Human FCRL5, His,Avitag™ on SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.

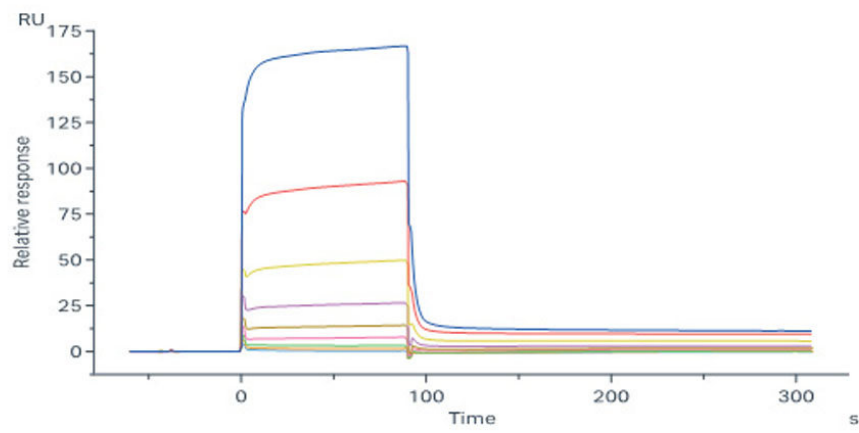
**Bioactivity-SPR**

**SEC-MALS**



The purity of Biotinylated Human FCRL5, His,Avitag™ (Cat. No. FC5-H82E3) is more than 85% and the molecular weight of this protein is around 100-120 kDa verified by SEC-MALS.

[Report](#)



Biotinylated Human FCRL5 Protein, His,Avitag (Cat. No. FC5-H82E3) capture on NTA-Series S sensor chip can bind Ipilimumab with an affinity constant of 18.5  $\mu$ M as determined in a SPR assay (Biacore 8K) (QC 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](mailto:TechSupport@acrobiosystems.com) if you have any question on this product.