

Synonym

BXMAS1, CD307, CD307e, FCRH5, IRTA2, PRO820

Source

Cynomolgus FCRL5 Protein, His Tag (FC5-C52H3) is expressed from human 293 cells (HEK293). It contains AA Gln 16 - Gly 851 (Accession # [XP_005541423.2](#)).

Molecular Characterization

FCRL5(Gln 16 - Gly 851)
XP_005541423.2

Poly-his

[Other Tags and Version](#) [Biotin & Other Labeled Version](#)

This protein carries a polyhistidine tag at the C-terminus.
The protein has a calculated MW of 93.1 kDa. The protein migrates as 130-140 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 / rFC 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

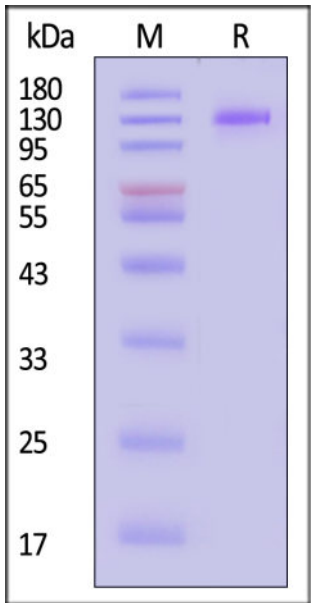
For long term storage, the product should be stored at lyophilized state at -20°C or lower.
Please avoid repeated freeze-thaw cycles.
This product is stable after storage at:

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

ACRO Quality Management System

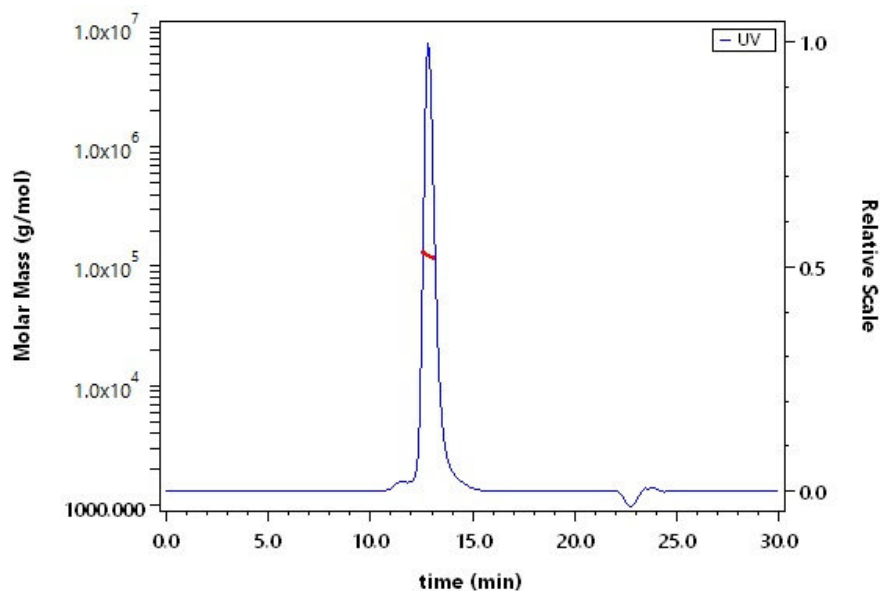
- [QMS\(ISO, GMP\)](#)
- [Quality Advantages](#)
- [Quality Control Process](#)

SDS-PAGE



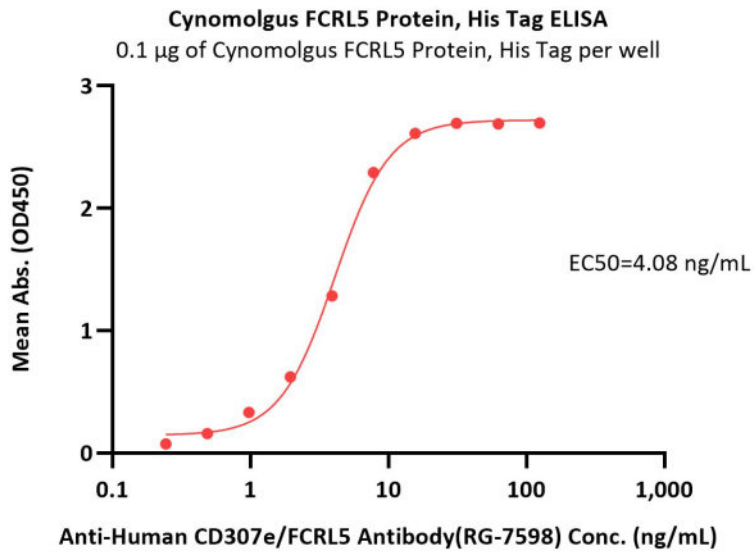
Cynomolgus FCRL5 Protein, His Tag on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is

SEC-MALS



The purity of Cynomolgus FCRL5 Protein, His Tag (Cat. No. FC5-C52H3) is more than 90% and the molecular weight of this protein is around 100-130 kDa

Bioactivity-ELISA



Immobilized Cynomolgus FCRL5 Protein, His Tag (Cat. No. FC5-C52H3) at 1 µg/mL (100 µL/well) can bind Anti-Human CD307e/FCRL5 Antibody(RG-7598) with a linear range of 0.2-8 ng/mL (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.

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and more!



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