Biotinylated Human FcRH5/FcRL5 Protein (Primary Amine Labeling)

Cat. No.   FCR-HM101B

KACTUS

Description

Source	Recombinant Biotinylated Human FcRH5/FcRL5 Protein (Primary Amine Labeling) is expressed from HEK293 with His tag at the C-Terminus.
	It contains Gln16-Gly851.
Accession	Q96RD9-1
Molecular Weight	The protein has a predicted MW of 92.38 kDa. Due to glycosylation, the protein migrates to 100-120 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
	> 90% as determined by HPLC

Formulation and Storage

Formulation	Lyophilized from 0.22µm filtered solution in PBS, 100mM Arginine (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
Storage	-20 to -80°C for 12 months as supplied from date of receipt.-80°C for 3 months after reconstitution.Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

FcRH5 is a cell surface marker enriched on malignant plasma cells when compared to other hematologic malignancies and normal tissues. DFRF4539A is an anti-FcRH5 antibody-drug conjugated to monomethyl auristatin E (MMAE), a potent anti-mitotic agent.

Assay Data

Bis-Tris PAGE
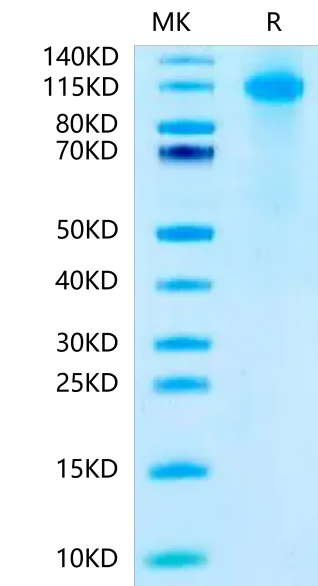
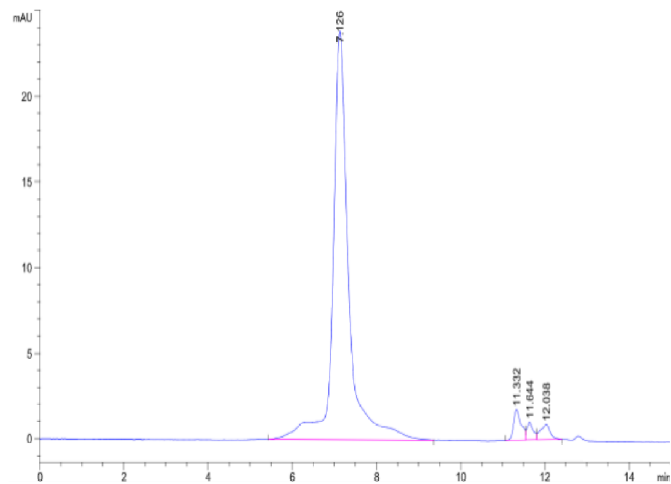Biotinylated Human FcRH5 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

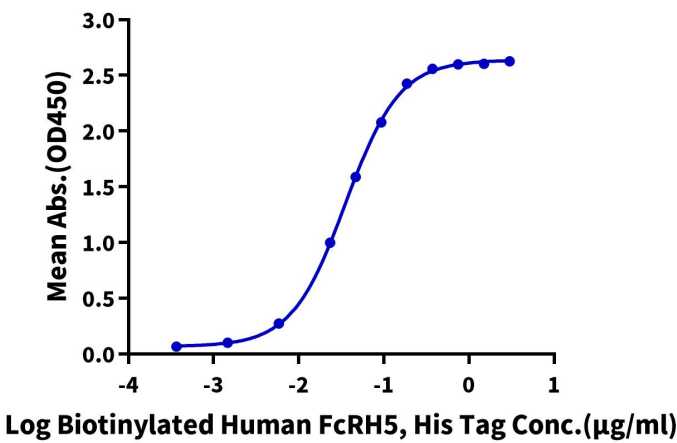**SEC-HPLC**

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Assay Data

The purity of Biotinylated Human FcRH5 is greater than 90% as determined by SEC-HPLC.

ELISA Data

Biotinylated Human FcRH5, His Tag ELISA
0.5µg Anti-FcRH5 Antibody, hFc Tag Per Well

Immobilized Anti-FcRH5 Antibody, hFc Tag at 5µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Human FcRH5, His Tag with the EC50 of 35.6ng/ml determined by ELISA (QC Test).

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