

# Biotinylated Human FcRH5/FcRL5 Protein (Primary Amine Labeling)

Cat. No. FCR-HM101B

## Description

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

## Formulation and Storage

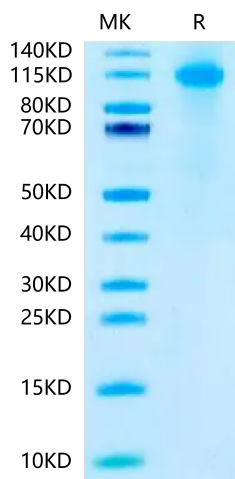
<b>Formulation</b>	Lyophilized from 0.22µm filtered solution in PBS, 100mM Arginine (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
<b>Reconstitution</b>	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
<b>Storage</b>	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3-6 months after reconstitution. 2-8°C for 2-7 days 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.

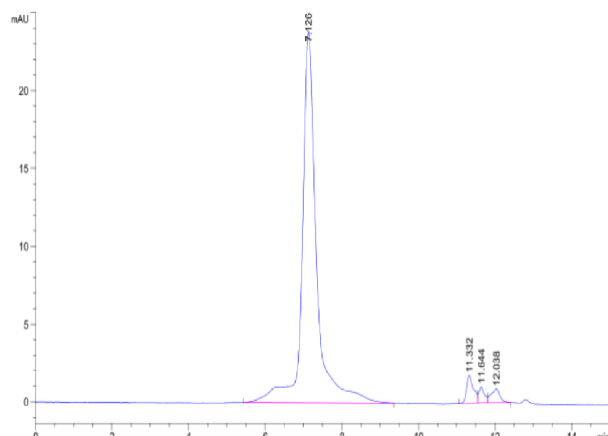
## Assay Data

### Tris-Bis PAGE



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

### SEC-HPLC



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

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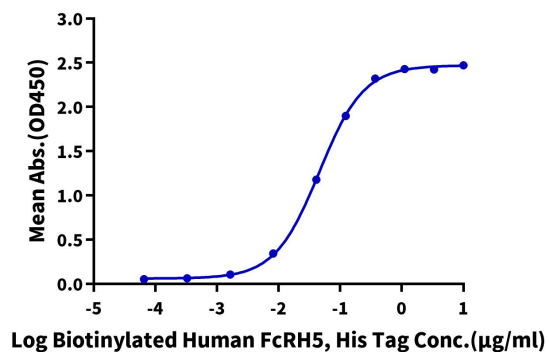
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## Assay Data

### ELISA Data

#### Biotinylated Human FcRH5, His Tag ELISA

0.2µg Anti-FcRH5 Antibody, hFc Tag Per Well



Immobilized Anti-FcRH5 Antibody, hFc Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Human FcRH5, His Tag with the EC50 of 46.0ng/ml determined by ELISA.