Biotinylated Human FcRH5/FcRL5 Protein

Cat. No. FCR-HM401B

Description

Source	Recombinant Biotinylated Human FcRH5/FcRL5 Protein is expressed from HEK293 with His tag and Avi tag at the N-Terminus.
	It contains Gln16-Gly851.
Accession	Q96RD9-1
Molecular Weight	The protein has a predicted MW of 94.19 kDa. Due to glycosylation, the protein migrates to 90-130 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE

Formulation and Storage

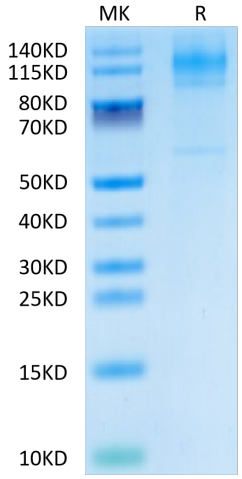
Formulation	Lyophilized from 0.22 μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage	-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.

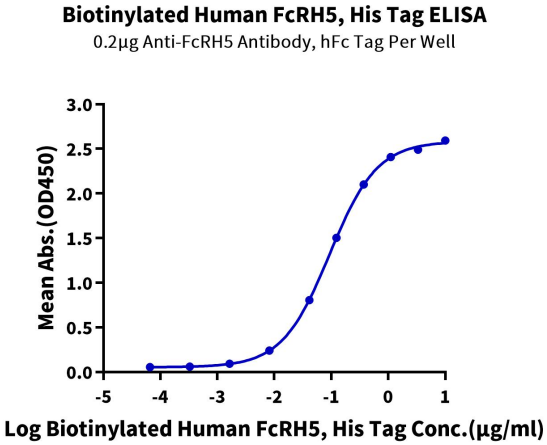
Assay Data

Tris-Bis PAGE



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

ELISA Data



Immobilized Anti-FcRH5 Antibody at 2μg/ml (100μl/well) on the plate. Dose response curve for Biotinylated Human FcRH5, His Tag with the EC50 of 93.6ng/ml determined by ELISA.