

Biotinylated Cynomolgus FcRH5/FcRL5 Domain Protein (Primary Amine Labeling)



Cat. No. FCR-CM10DB

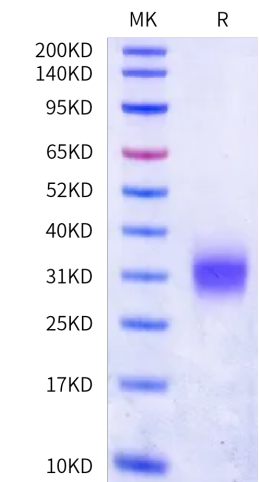
Description	
Source	Recombinant Biotinylated Cynomolgus FcRH5/FcRL5 Domain Protein is expressed from HEK293 with His tag at the N-terminus. It contains Val745-Thr850.
Accession	XP_005541423.2
Molecular Weight	The protein has a predicted MW of 12.3 kDa. Due to glycosylation, the protein migrates to 27-35 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 > 95% as determined by HPLC

Formulation and Storage	
Formulation	Supplied as 0.22 µm filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C. 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.	

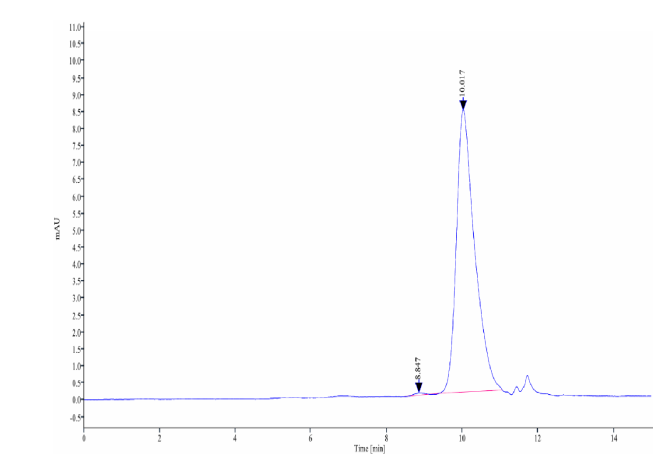
Assay Data

Bis-Tris PAGE



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

SEC-HPLC



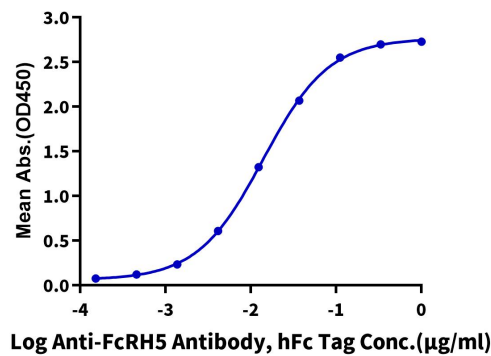
The purity of Biotinylated Cynomolgus FcRH5 Domain is greater than 95% as determined by SEC-HPLC.

Assay Data

ELISA Data

Biotinylated Cynomolgus FcRH5 Domain, His Tag ELISA

0.05µg Biotinylated Cynomolgus FcRH5 Domain, His Tag Per Well



Immobilized Biotinylated Cynomolgus FcRH5 Domain, His Tag at 0.5µg/ml (100µl/Well) on streptavidin (5µg/ml) precoated plate. Dose response curve for Anti-FcRH5 Antibody, hFc Tag with the EC50 of 14.0/~ng/ml determined by ELISA.