

Human FcRH5/FcRL5 (IRTA2a) Protein

Cat. No. FCR-HM111



Description

Source	Recombinant Human FcRH5/FcRL5 (IRTA2a) Protein is expressed from HEK293 with His tag at the N-terminus. It contains Gln16-Asn759.
Accession	Q96RD9-3
Molecular Weight	The protein has a predicted MW of 82.78 kDa. Due to glycosylation, the protein migrates to 90-120 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

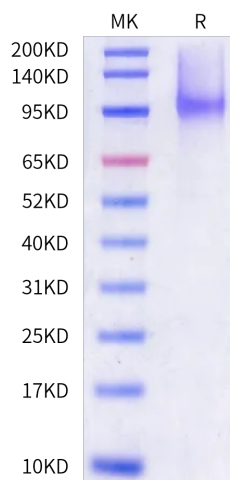
Formulation	Lyophilized from 0.22 µm filtered solution in PBS, 8% trehalose (pH 7.4).
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 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.

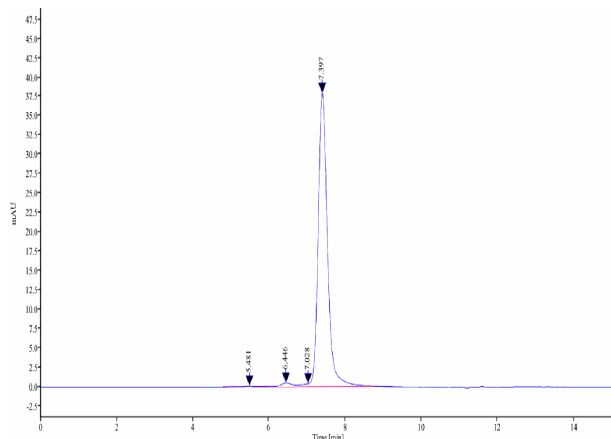
Assay Data

Bis-Tris PAGE



Human FcRH5 (IRTA2a) on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC



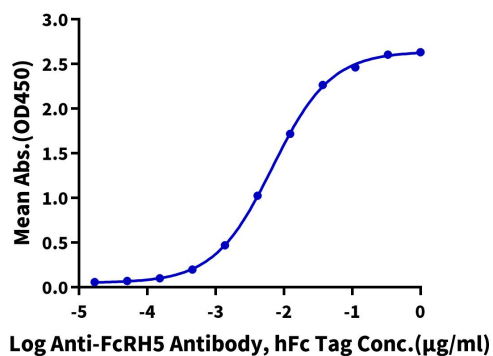
The purity of Human FcRH5 (IRTA2a) is greater than 90% as determined by SEC-HPLC.

Assay Data

ELISA Data

Human FcRH5 (IRTA2a), His Tag ELISA

0.05µg Human FcRH5 (IRTA2a), His Tag Per Well



Immobilized Human FcRH5 (IRTA2a), His Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Anti-FcRH5 Antibody, hFc Tag with the EC50 of 6.8ng/ml determined by ELISA.