

# Human FcRH5/FcRL5 Protein

Cat. No. FCR-HM101

KACUS

## Description

Source	Recombinant Human FcRH5/FcRL5 Protein 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 120-140 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per $\mu$ g by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

## Formulation and Storage

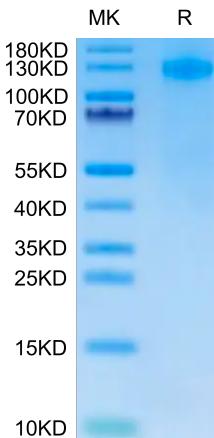
Formulation	Lyophilized from 0.22 $\mu$ m filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
Storage	-20 to -80°C 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.

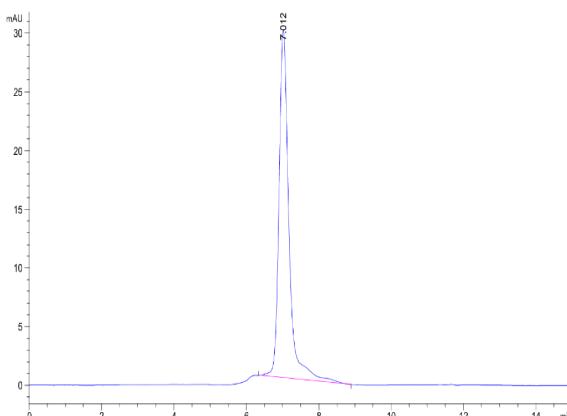
## Assay Data

### Bis-Tris PAGE



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

### SEC-HPLC

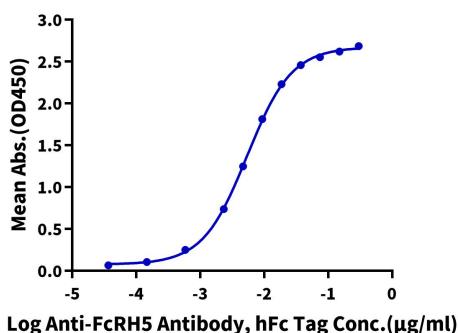


The purity of Human FcRH5 is greater than 95% as determined by SEC-HPLC.

## Assay Data

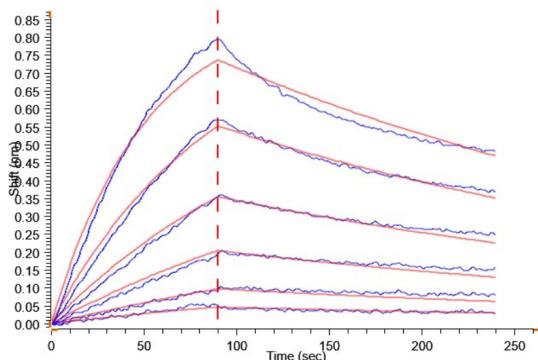
## ELISA Data

## Human FcRH5, His Tag ELISA

0.1 $\mu$ g Human FcRH5, His Tag Per Well

Immobilized Human FcRH5, His Tag at 1  $\mu$ g/ml (100  $\mu$ l/well) on the plate. Dose response curve for Anti-FcRH5 Antibody, hFc Tag with the EC50 of 5.4 ng/ml determined by ELISA (QC Test).

## BLI Data



Loaded Anti-FcRH5 Antibody, hFc Tag on ProA-Biosensor can bind Human FcRH5, His Tag with an affinity constant of 8.91 nM as determined in BLI assay (Gator® Prime).