

# Human FcRH5/FcRL5 Protein

Cat. No. FCR-HM401

## Description

<b>Source</b>	Recombinant Human FcRH5/FcRL5 Protein is expressed from HEK293 with His tag and Avi tag at the N-Terminus. It contains Gln16-Gly851.
<b>Accession</b>	Q96RD9-1
<b>Molecular Weight</b>	The protein has a predicted MW of 94.2 kDa. Due to glycosylation, the protein migrates to 95-115 kDa based on Bis-Tris PAGE result.
<b>Endotoxin</b>	Less than 1EU per µg by the LAL method.
<b>Purity</b>	> 95% as determined by Bis-Tris PAGE

## Formulation and Storage

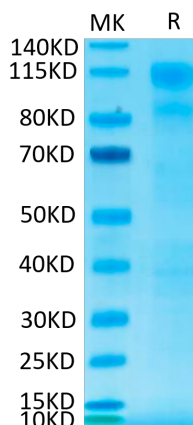
<b>Formulation</b>	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
<b>Reconstitution</b>	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein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

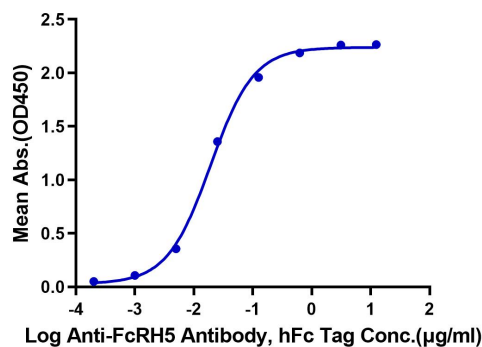
### Bis-Tris PAGE



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

### ELISA Data

**Human FcRH5, His Tag ELISA**  
0.5µg Human FcRH5, His Tag Per Well



Immobilized Human FcRH5, His Tag at 5µg/ml (100µl/Well) on the plate. Dose response curve for Anti-FcRH5 Antibody, hFc Tag with the EC50 of 19.1ng/ml determined by ELISA.