Human FcRH3/FcRL3 Protein

Cat. No. FCR-HM103

Description

Source	Recombinant Human FcRH3/FcRL3 Protein is expressed from HEK293 with His tag at the N-terminus.
	It contains Gly18-Thr573.
Accession	Q96P31-1
Molecular Weight	The protein has a predicted MW of 62.45 kDa. Due to glycosylation, the protein migrates to 80-100 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per μg by the LAL method.
Purity	> 90% as determined by Bis-Tris PAGE
	> 95% as determined by HPLC

Formulation and Storage

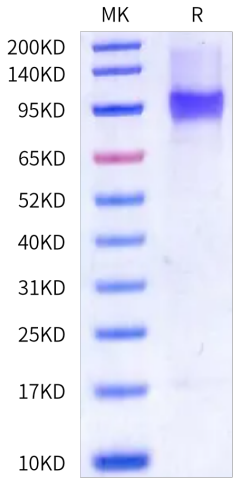
Formulation	Lyophilized from 0.22 μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
Storage	-20 to -80°C for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

Fc-like receptor 3 (FcRL3) is a receptor encoded by the FCRL3 gene, located on the long arm of chromosome 1 at 1q23.1. Polymorphisms in the promoter region of FCRL3, rather than elsewhere in the gene, primarily affect the level of protein expression, which is of clinical significance.

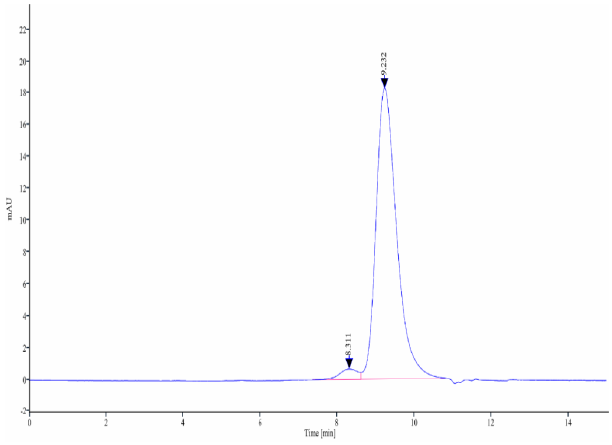
Assay Data

Bis-Tris PAGE



Human FcRH3 on Bis-Tris PAGE under reduced condition. The purity is greater than 90%.

SEC-HPLC



The purity of Human FcRH3 is greater than 95% as determined by SEC-HPLC.