Mouse Siglec-5/CD170 Protein

Cat. No. SIG-MM105

Description

Source	Recombinant Mouse Siglec-5/CD170 Protein is expressed from HEK293 with His tag at the C-Terminus.
	It contains Thr17-Leu439.
Accession	Q920G3
Molecular Weight	The protein has a predicted MW of 46.8 kDa. Due to glycosylation, the protein migrates to 65-68 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1EU per ug by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
	> 95% as determined by HPLC

Formulation and Storage

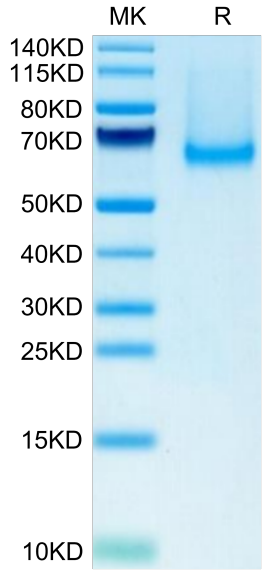
Formulation	Supplied as 0.22μm filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

Interactions between endothelial selectins and the leukocyte counter-receptor PSGL1 mediates leukocyte recruitment to inflammation sites. PSGL1 is highly sialylated, making it a potential ligand for Siglec-5, a leukocyte-receptor that recognizes sialic acid structures. Binding assays using soluble Siglec-5 variants (sSiglec-5/C4BP and sSiglec-5/Fc) revealed a dose- and calcium-dependent binding to PSGL1.

Assay Data

Bis-Tris PAGE



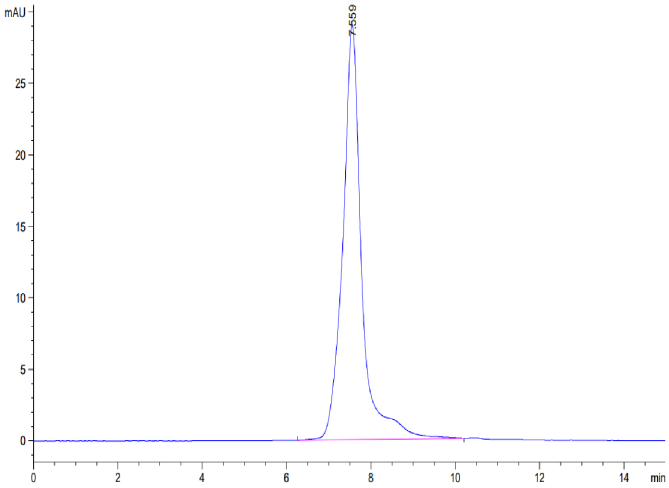
Mouse Siglec-5/CD170 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC

Mouse Siglec-5/CD170 Protein

Cat. No. SIG-MM105

Assay Data



The purity of Mouse Siglec-5/CD170 is greater than 95% as determined by SEC-HPLC.

For Research Use Only