Human Siglec-6/CD327 Protein

Cat. No. SIG-HM206

Description

Source	Recombinant Human Siglec-6/CD327 Protein is expressed from HEK293 with hFc tag at the C-terminus.
	It contains Gln27-Val331.
Accession	O43699-3
Molecular Weight	The protein has a predicted MW of 60.5 kDa. Due to glycosylation, the protein migrates to 75-105 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.1EU per μg by the LAL method.
Purity	>95% as determined by Bis-Tris PAGE

Formulation and Storage

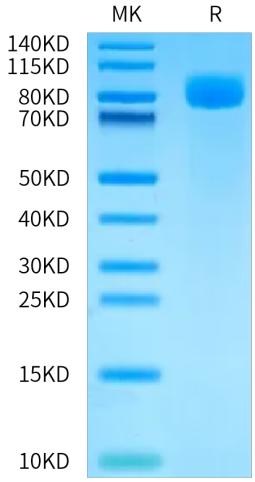
Formulation	Supplied as 0.22 μm filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

Siglecs (Sialic acid binding Ig-like Lectins) are I-type (Ig-type) lectins that belong to the Ig superfamily. They are characterized by an N-terminal Ig-like V-type domain which mediates sialic acid binding, followed by varying numbers of Ig-like C2-type domains. Putative adhesion molecule that mediates sialic-acid dependent binding to cells. Binds to alpha-2,6-linked sialic acid. The sialic acid recognition site may be masked by cis interactions with sialic acids on the same cell surface.

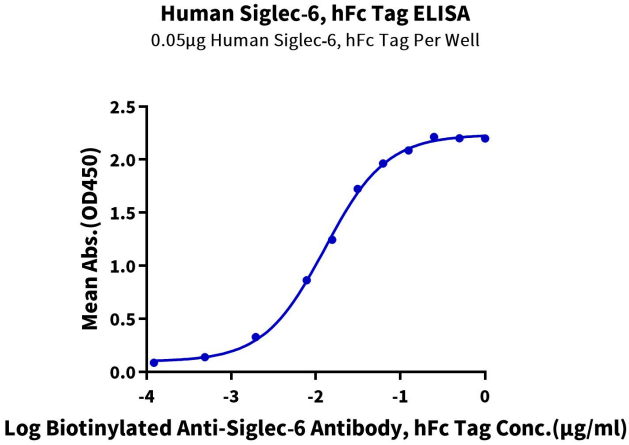
Assay Data

Bis-Tris PAGE



Human Siglec-6 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

ELISA Data



Immobilized Human Siglec-6, hFc Tag at 0.5μg/ml (100μl/well) on the plate. Dose response curve for Biotinylated Anti-Siglec-6 Antibody, hFc Tag with the EC50 of 12.9ng/ml determined by ELISA (QC Test).