Biotinylated Cynomolgus Siglec-10 Protein

Cat. No. SIG-CM410B

Description

Source	Recombinant Biotinylated Cynomolgus Siglec-10 Protein is expressed from HEK293 with His tag and Avi tag at the C-terminus.
	It contains Thr17-Asn552.
Accession	A0A2K5WBX8
Molecular Weight	The protein has a predicted MW of 61.71 kDa. Due to glycosylation, the protein migrates to 72-82 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE

Formulation and Storage

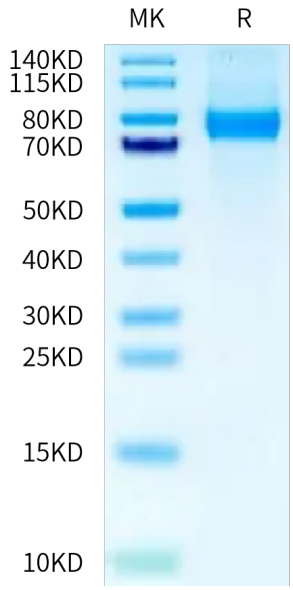
Formulation	Supplied as 0.22 μm filtered solution in 25mM MES, 150mM NaCl, 0.5M Arginine (pH 5.0).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

Siglec-10 is a ligand for CD52, the target of the therapeutic monoclonal antibody Alemtuzumab. It is also reported to bind to Vascular adhesion protein 1 (VAP-1) and to the co-stimulatory molecule CD24 also known as HSA (Heat-stable antigen).Siglecs (sialic acid binding Ig-like lectins) are I-type lectins that belong to the immunoglobulin superfamily. They are characterized by an N-terminal Ig-like V-type domain which mediates sialic acid binding, followed by a varying number of Ig-like C2-type domains. Siglecs 5-11 constitute the CD33/Siglec-3 related group, and are differentially expressed in the hematopoietic system.

Assay Data

Bis-Tris PAGE



Biotinylated Cynomolgus Siglec-10 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.