

Datasheet for ABIN7504528

SIGLEC10 Protein (AA 17-552) (His-Avi Tag,Biotin)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	SIGLEC10
Protein Characteristics:	AA 17-552
Origin:	Cynomolgus
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SIGLEC10 protein is labelled with His-Avi Tag,Biotin.

Product Details

Purpose:	Biotinylated Cynomolgus Siglec-10 Protein
Sequence:	Thr17-Asn552
Characteristics:	Recombinant Biotinylated Cynomolgus Siglec-10 Protein is expressed from HEK293 with His tag and Avi tag at the C-terminus.It contains Thr17-Asn552.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	SIGLEC10
Alternative Name:	Siglec-10 (SIGLEC10 Products)

Target Details

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.

Molecular Weight: 61.71 kDa. Due to glycosylation, the protein migrates to 72-82 kDa based on Tris-Bis PAGE result.

UniProt: [A0A2K5WBX8](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Supplied as 0.22 µm filtered solution in 25 mM MES, 150 mM NaCl, 0.5M Arginine (pH 5.0).

Storage: -80 °C

Storage Comment: 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.

Expiry Date: 12 months