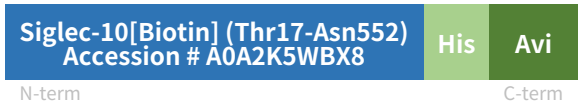
Rev03
Update: Aug,08,2025

DATASHEET

Siglec-10[Biotin], His & Avi, Cynomolgus

Cat. No.: Z04376

Product Introduction

Species	Cynomolgus
Protein Construction	
Purity	> 95% as determined by Bis-Tris PAGE
Endotoxin Level	Less than 1EU per μg by the LAL method.
Expression System	HEK293
Theoretical Molecular Weight	61.71 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 72-82 kDa based on Bis-Tris PAGE result.
Formulation	Supplied as 0.22 μm filtered solution in 25mM MES, 150mM NaCl, 0.5M Arginine (pH 5.0).
Concentration	Verified by one or more methods from A280/Bioactivity/BCA/Bradford.
Storage & Stability	This product remains stable for 6 months at -80°C or below. Avoid repeated freeze-thaw cycles.

Background

Target 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.

Synonyms : SLG2; SIGLEC10; MGC126774; PRO940

For research use only. Not intended for human or animal clinical trials, therapeutic or diagnostic use.

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