

## Product Information

### MemDX™ Antibody Discovery - Human Siglec-10 (17-546) Membrane Protein, Partial, -His - Avi tag, [Biotin]

Cat. No.: **MP0393F**

This product is for research use only and is not intended for diagnostic use.

This membrane protein is Human Siglec-10 (17-546). It has been tested in SDS-PAGE, ELISA. We provide this protein to facilitate your membrane protein antibody discovery and development.

#### Product Specifications

##### Host Species

Human

##### Target Protein

Siglec-10

##### Protein Length

ECD

##### Molecular Weight

The protein has a calculated MW of 61.8 kDa. The protein migrates as 65-85 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

##### Sequence

AA Met 17 - Thr 546 (Accession # Q96LC7-1).

#### Product Description

##### Activity

Yes

##### Application

SDS-PAGE, ELISA

##### Expression Systems

HEK293

##### Tag

His tag at the C-terminus, followed by an Avi tag.

##### Protein Format

Soluble

##### Form

LYOPH

### **Reconstitution**

Please see Certificate of Analysis for specific instructions.

### **Endotoxin**

<1.0 EU/µg by the LAL method

### **Conjugation**

Biotin

### **Purity**

>95% as determined by SDS-PAGE.

### **Buffer**

Lyophilized from 0.22 µm filtered solution in PBS with Arginine, pH7.4. Normally trehalose is added as protectant before lyophilization.

### **Storage**

Stored at lyophilized form at -20°C or lower. Avoid repeated freeze-thaw cycles.

The antigen can be stable for 12 months in lyophilized form after storage at -20°C to -80°C, 3 months under sterile coditions after reconstitution after storage at -80°C.

## **Target**

### **Target Protein**

Siglec-10

### **Full Name**

sialic acid binding Ig like lectin 10

### **Introduction**

SIGLECs are members of the immunoglobulin superfamily that are expressed on the cell surface. Most SIGLECs have 1 or more cytoplasmic immune receptor tyrosine-based inhibitory motifs, or ITIMs. SIGLECs are typically expressed on cells of the innate immune system, with the exception of the B-cell expressed SIGLEC6 (MIM 604405).

### **Alternative Names**

SLG2; PRO940; SIGLEC-10; sialic acid-binding Ig-like lectin 10; sialic acid binding Ig-like lectin 10 Ig-like lectin 7; siglec-like gene 2; siglec-like protein 2

### **Gene ID**

[89790](#)

### **UniProt ID**

[Q96LC7](#)