

## Product Information

### **MemDX™ Antibody Discovery - Human Siglec-10 (17-546) Membrane Protein, Partial, -hIgG1 Fc -Avi tag, [Biotin]**

Cat. No.: **MP0394F**

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 86.4 kDa. The protein migrates as 100-120 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**

Human IgG1 Fc tag at the C-terminus, followed by a 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, 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 conditions 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](#)