

## PRODUCT INFORMATION

<b>Target</b>	SIGLEC10
<b>Synonyms</b>	SIGLEC10;Siglec-10;SLG2;PRO940;MGC126774
<b>Description</b>	Recombinant Human SIGLEC10 protein with C-terminal 6×His tag
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	Q96LC7
<b>Expression Host</b>	HEK293
<b>Tag</b>	C-6×His Tag
<b>Molecular Characterization</b>	SIGLEC10(Met17-Thr546) 6×His tag
<b>Molecular Weight</b>	The protein has a predicted molecular mass of 59.0 kDa after removal of the signal peptide. The apparent molecular mass of SIGLEC10-His is approximately 70-100 kDa due to glycosylation.
<b>Purity</b>	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
<b>Formulation &amp; Reconstitution</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
<b>Storage&amp;Shipping</b>	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
<b>Sterility</b>	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 µm) prior to use.
<b>Background</b>	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).
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated



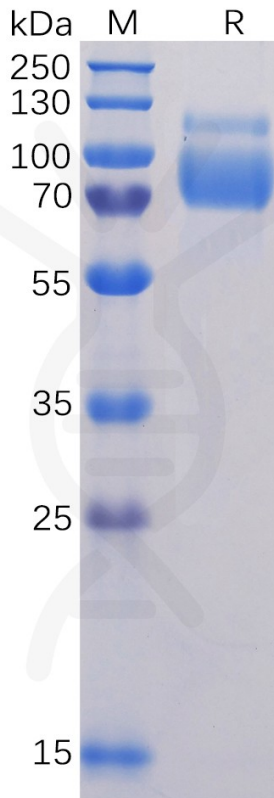
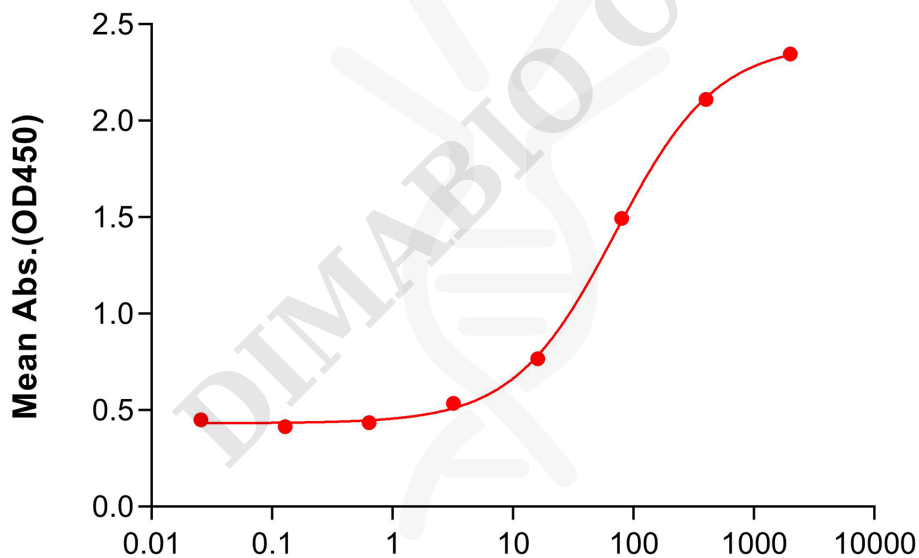


Figure 1. Human SIGLEC10 Protein, His Tag on SDS-PAGE under reducing condition.

### Human SIGLEC10, His tagged protein ELISA

1  $\mu$ g of Human SIGLEC10, His tagged protein per well



Anti-SIGLEC10 antibody(3E11), IgG1 Chimeric mAb (ng/mL)

Figure 2. ELISA plate pre-coated by 1  $\mu$ g/mL (100  $\mu$ L/well) Human SIGLEC10 Protein, His Tag (PME100092) can bind Anti-SIGLEC10 antibody(3E11), IgG1 Chimeric mAb (DMC101686) in a linear range of 16-80 ng/mL.

