

# Recombinant Human Siglec-10 Protein

Catalog No.: RP02498 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Human	89790	Q96LC7

### Tags

C-hFc

### Synonyms

SLG2; PRO940; SIGLEC-10; SIGLEC10

## Product Information

Source	Purification
HEK293 cells	> 95% by Tris-Bis PAGE

Calculated MW	Observed MW
84.18 kDa	100-140 kDa

### Endotoxin

< 0.1 EU/μg

### Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

### Reconstitution

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

## Contact

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## 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.

## Basic Information

### Description

Recombinant Human Siglec 10 Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Met17-Thr546) of Human Siglec 10 fused with hFc tag at the C-terminal.

### Bio-Activity

### Storage

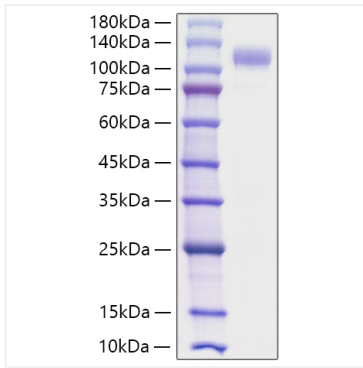
Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

## Validation Data

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Recombinant Human Siglec-10 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 100-140 kDa.