

# Recombinant Human Siglec-15/CD33L3 Protein

Catalog No.: RP01187 Recombinant

## **Sequence Information**

Species Gene ID Swiss Prot Human 284266 Q6ZMC9

#### **Tags**

C-hFc&His

#### **Synonyms**

CD33L3; HsT1361; SIGLEC-15;SIGLEC15;Siglec-15

## **Product Information**

Source Purification

HEK293 cells ≥ 95 % as determined by SDS-PAGE;≥95 % as determined by

HPLC.

Calculated MW Observed MW

53.34 kDa 60-70 kDa

#### **Endotoxin**

< 0.1 EU/ $\mu$ g of the protein by LAL method.

#### **Formulation**

Lyophilized from a 0.22 µm filtered solution of PBS,300mM NaCl, pH 7.4.Contact us for customized product form or formulation.

#### Reconstitution

Centrifuge the vial 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 stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

## **Contact**

400-999-6126

## **Background**

#### **Basic Information**

#### **Description**

Recombinant Human Siglec-15/CD33L3 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Phe20-Thr263) of human Siglec-15/CD33L3 (Accession  $\#NP_998767.1$ ) fused with a Fc,  $6\times$ His tag at the C-terminus.

#### **Bio-Activity**

Measured by its ability to inhibit Anti-CD3-induced proliferation of jurkat cells. The ED $_{50}$  for this effect is 1.8-7.2  $\mu$ g/mL.

#### **Shipping**

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

## Storage

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

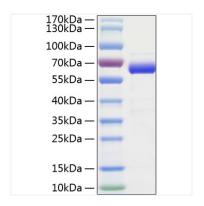
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

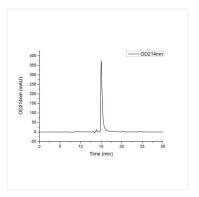
## **Operational Notes**

For your safety and health, please wear a lab coat and disposable gloves for handling.

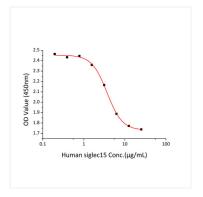
## **Validation Data**



Recombinant Human Siglec-15/CD33L3 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



The purity of human Siglec-15/CD33L3 Protein (Cat.RP01187) was greater than 95% as determined by SEC-HPLC.



Recombinant Human Siglec-15 inhibits Anti-CD3-induced proliferation of jurkat cells. The ED $_{50}$  for this effect is 1.8-7.2  $\mu$ g/mL.