

# Recombinant Human Siglec-15/CD33L3 Protein

Catalog No.: RP01256 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Human	284266	Q6ZMC9

### Tags

C-His

### Synonyms

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

## Product Information

Source	Purification
HEK293 cells	≥ 95 % as determined by SDS-PAGE; ≥ 90 % as determined by HPLC.

Calculated MW	Observed MW
27.40 kDa	36-38 kDa

### Endotoxin

< 1 EU/μg 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 stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

## 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 6×His tag at the C-terminus.

#### Bio-Activity

Measured by its ability to inhibit Anti-CD3-induced proliferation of jurkat cells. The ED<sub>50</sub> for this effect is 4.99-19.98 μg/mL.

#### Storage

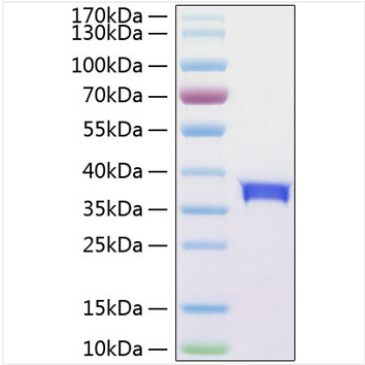
Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Avoid repeated freeze/thaw cycles.

## Contact

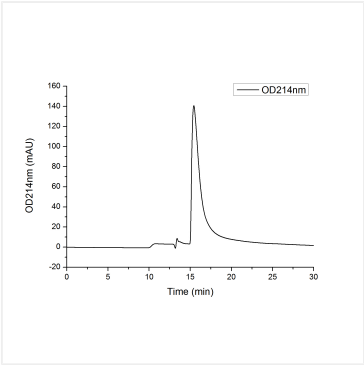
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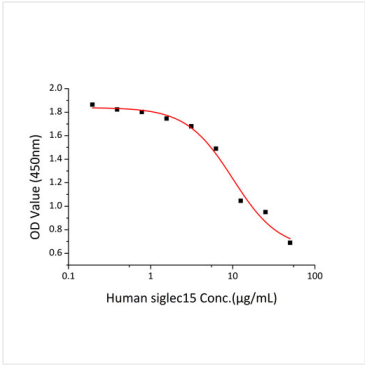
Validation Data



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.RP01256) was greater than 90% as determined by SEC-HPLC.



Recombinant Human Siglec-15 inhibits Anti-CD3-induced proliferation of Jurkat cells. The ED<sub>50</sub> for this effect is 4.99-19.98 µg/mL.