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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% by SDS-PAGE.

Endotoxin
< 1.0 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 votex 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

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Background

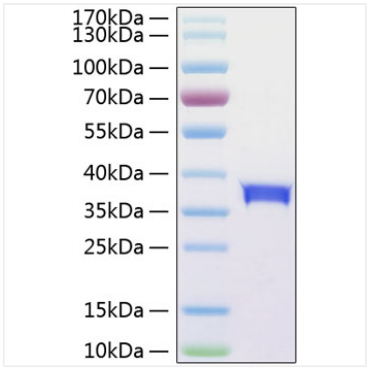
Basic Information

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.

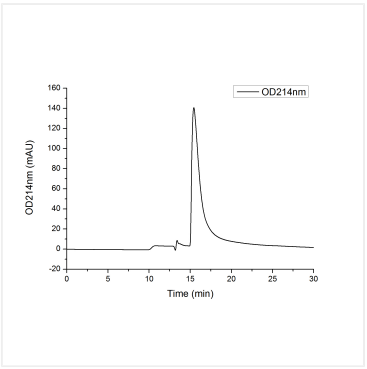
Bio-Activity
Measured by its ability to inhibit Anti-CD3-induced proliferation of jurkat cells. The ED_{50} for this effect is 4.99-19.98 μg/mL.

Storage
Store the lyophilized protein at -20°C to -80 °C for long term.
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.

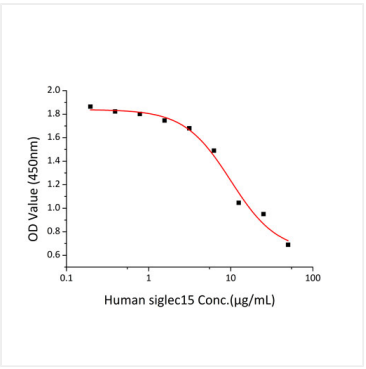
Validation Data



Active Recombinant Human Siglec-15/CD33L3 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 36-38 kDa.



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_{50} for this effect is 4.99-19.98 μg/mL.