

FITC-Labeled Recombinant Human Siglec-3/CD33 Protein

Catalog No.: RP00555FLQ

Sequence Information

Species	Gene ID
Human	945
Swiss Prot	Tags
P20138-1	C-His&Avi

Synonyms

CD33 molecule; CD33; FLJ00391; gp67; Siglec3; Siglec-3; p67

Product Information

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

Calculated MW Observed MW

29.6 kDa 48-58 kDa

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Supplied as 0.22 μm filtered solution in 10 mM NaH₂PO₄, 2 mM EDTA, 500 mM NaCl (pH 7.4).

Reconstitution

Background

Sialic-acid-binding immunoglobulin-like lectin (Siglec) that plays a role in mediating cell-cell interactions and in maintaining immune cells in a resting state. They are sialoadhesin/CD169/Siglec-1, CD22/Siglec-2, CD33/Siglec-3, Myelin-Associated Glycoprotein (MAG/Siglec-4a) and Siglecs 5 to 11. To date, no Siglec has been shown to recognize any cell surface ligand other than sialic acids, suggesting that interactions with glycans containing this carbohydrate are important in mediating the biological functions of Siglecs.

Basic Information

Description

FITC-Labeled Recombinant Human Siglec-3/CD33 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Asp18-His259) of Human Siglec-3/CD33 (Accession #P20138-1) fused with a C-His&Avi tag at the C-terminus.

Activity

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -70°C

Operational Notes

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

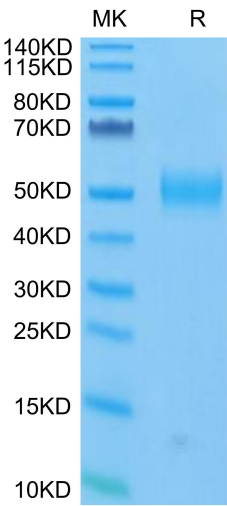
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Validation Data



FITC-Labeled Recombinant Human Siglec-3/CD33 Protein was determined by Tris-Bis PAGE under reducing conditions.