

RP00555FLQ

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# FITC-Labeled Recombinant Human Siglec-3/CD33 Protein

Catalog No.: RP00555FLQ **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells945		P20138-1

### Tags

C-His&Avi

### Synonyms

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

## Product Information

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

### Endotoxin

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

### Formulation

Supplied as 0.22 μm filtered solution in 10 mM NaH<sub>2</sub>PO<sub>4</sub>, 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.

### Bio-Activity

### Shipping

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

### Operational Notes

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

### Storage

Store at -70°C. This product is stable at ≤ -70°C for up to 1 year from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature. Avoid repeated freeze-thaw cycles. Avoid repeated freeze/thaw cycles.

## Contact

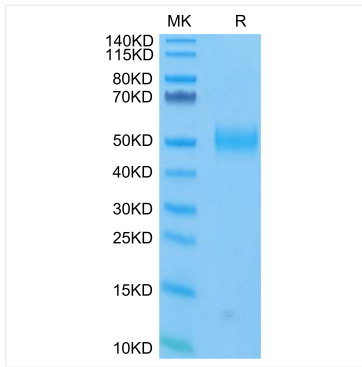


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## Validation Data

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