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Datasheet for ABIN7274161

CD33 Protein (CD33) (AA 18-259) (FITC,His-Avi Tag)

1 Image

Overview

Quantity:	100 µg
Target:	CD33
Protein Characteristics:	AA 18-259
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD33 protein is labelled with FITC,His-Avi Tag.

Product Details

Purpose:	FITC-Labeled Human Siglec-3/CD33 Protein
Sequence:	Asp18-His259
Characteristics:	Recombinant FITC-Labeled Human Siglec-3/CD33 Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus.It contains Asp18-His259.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	CD33
Alternative Name:	Siglec-3 (CD33 Products)

Target Details

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 recognized 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.
Molecular Weight:	29.6 kDa. Due to glycosylation, the protein migrates to 48-58 kDa based on Tris-Bis PAGE result.

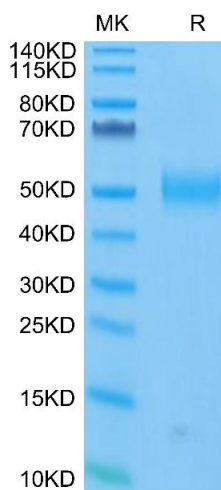
Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Buffer:	Supplied as 0.22µm filtered solution in 10 mM NaH ₂ PO ₄ , 2 mM EDTA, 500 mM NaCl (pH 7.4).
Preservative:	Other preservative
Storage:	-80 °C
Storage Comment:	Valid for 12 months from date of receipt when stored at -80°C., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months

Images



SDS-PAGE

Image 1. FITC-Labeled Human Siglec-3/CD33 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .