

Active Recombinant Human CD33 protein, His-tagged, FITC-Labeled

Cat. No. CD33-0711H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FITC-Labeled Recombinant Human CD33 protein(Asp18-His259), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	18-259 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human Siglec-3 Antibody at 1 µg/mL (100 µL/well) can bind FITC-Labeled Human Siglec-3, His Tag with a linear range of 0.02-0.625 µg/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 27.6 kDa. The protein migrates as 40-55 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Asp18-His259
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
Conjugation	FITC
GENE INFORMATION	
Gene Name	CD33 CD33 molecule [Homo sapiens]
Official Symbol	CD33
Synonyms	CD33; CD33 molecule; CD33 antigen (gp67); myeloid cell surface antigen CD33; FLJ00391; p67; sialic acid binding Ig like lectin 3; SIGLEC 3; SIGLEC3; gp67; sialic acid binding Ig-like lectin 3; sialic acid-binding Ig-like lectin 3; SIGLEC-3;
Gene ID	945
mRNA Refseq	NM_001082618
Protein Refseq	NP_001076087
MIM	159590
UniProt ID	P20138