

# Active Recombinant Human CD33 Protein, Fc-tagged, FITC conjugated

**Cat. No.** CD33-176HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	FITC conjugated recombinant human CD33 (Accession # AAA51948) was produced in Mouse myeloma cell line, NS0-derived.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>Form</b>	Lyophilized
<b>Bio-activity</b>	Measured by the ability of the immobilized protein to support the adhesion of human red blood cells. The ED50 for this effect is typically 1-4 µg/mL.
<b>Molecular Mass</b>	Recombinant Human CD33, Fc Chimera has a calculated MW of 53.4 kDa (monomer). In SDS-PAGE migrates as 67-85 kDa, reducing conditions.
<b>N-terminal Sequence Analysis</b>	Asp 18
<b>Purity</b>	> 90 % by SDS-PAGE and analyzed by silver stain
<b>Characteristic</b>	Disulfide-linked homodimer Labeled with FITC via amines Excitation source: 488 nm spectral line, argon-ion laser Excitation Wavelength: 488 nm

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Emission Wavelength: 535 nm

**Storage**

Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4 centigrade); After reconstitution under sterile conditions for 3 months (-70 centigrade).

**Storage Buffer**

Lyophilized from a 0.2 µm filtered solution in PBS.

**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

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