

## Active Recombinant Human CD33, Fc Chimera

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CD33 (Accession # AAA51948) was produced in Mouse myeloma cell line, NS0-derived.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>Predicted N Terminal</b>	Asp18
<b>Form</b>	Lyophilized from a 0.2 µ filtered solution in PBS.
<b>Bio-activity</b>	Measured by the ability of the immobilized protein to support the adhesion of human red blood cells. Kelm, S. et al. (1994) Current Biology 4:965. 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>Purity</b>	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

### GENE INFORMATION

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<b>Gene Name</b>	CD33 CD33 molecule [ Homo sapiens ]
<b>Official Symbol</b>	CD33
<b>Synonyms</b>	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;
<b>Gene ID</b>	945
<b>mRNA Refseq</b>	NM_001082618
<b>Protein Refseq</b>	NP_001076087
<b>MIM</b>	159590
<b>UniProt ID</b>	P20138
<b>Chromosome Location</b>	19q13.3

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