

## Recombinant Human CD33, Fc tagged

Cat. No. CD33-313H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CD33 (AAH28152.1) (Met1-His259), fused with the Fc region of mouse IgG at the C-terminus, was produced in Human Cells.
<b>Species</b>	Human
<b>Source</b>	Human Cells
<b>ProteinLength</b>	1-259 a.a.
<b>Predicted N Terminal</b>	Asp 18
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant human CD33/mFc is a disulfide-linked homodimer. The reduced monomer comprises 476 amino acids and has a predicted molecular mass of 53.1 kDa. The apparent molecular mass of the protein is approximately 64-68 in SDS-PAGE under reducing cond
<b>Endotoxin</b>	< 1.0 eu per µg of the protein as determined by the LAL method.
<b>Purity</b>	>90 % as determined by SDS-PAGE
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70centigrade.

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**Storage** Store it under sterile conditions at -20centigrade~-70centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** CD33 CD33 molecule [ Homo sapiens ]

**Official Symbol** CD33

**Gene ID** 945

**mRNA Refseq** NM\_001082618

**Protein Refseq** NP\_001076087

**MIM** 159590

**UniProt ID** P20138

**Chromosome Location** 19q13.3

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