Recombinant Human CD33, Fc tagged

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

SPECIFICATION

Product Overview	Recombinant Human CD33 (AAH28152.1) (Met1-His259), fused with the Fc region of mouse IgG at the C-terminus, was produced in Human Cells.
Species	Human
Source	Human Cells
ProteinLength	1-259 a.a.
Predicted N Terminal	Asp 18
Form	Lyophilized from sterile PBS, pH 7.4.Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	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
Endotoxin	< 1.0 eu per μg of the protein as determined by the LAL method.
Purity	>90 % as determined by SDS-PAGE
Stability	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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