

Active GMP Recombinant Human CD33 protein

Cat. No. CD33-031HG **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Human CD33 protein(NP_001076087)(242 aa), fused with His Tag at the C-terminal, was expressed in HEK293 cell in an animal component free process under cGMP guidelines.
Species	Human
Source	HEK293
ProteinLength	DNA sequence encoding Human CD33(AAH28152.1) was expressed with His tag at the C-terminal.
Form	Freeze-dried powder contains Sterile PBS (pH 7.4) with 6% mannitol.
Bio-activity	The linear range of immobilized Anti-human CD33 antibody at 2ug/mL (100 uL/well) that can bind to human CD33 (His tag) is 0.1-2ug/mL.
Molecular Mass	Recombinant Human CD33 protein contains 242 aa. It has a predicted MW of 28.4 kDa.
Endotoxin	<0.1EU/ug
Purity	>=95% by SDS-PAGE and HPLC
Storage	The lyophilized preparation can be stored at 4°C for 24 months, and the dissolved liquid can be stored at -20°C for 6-12 months to avoid repeated freezing and thawing

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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.

GENE INFORMATION

Gene Name	CD33 CD33 molecule [Homo sapiens]
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Official Symbol	CD33
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Synonyms	CD33; SIGLEC3; gp67
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Gene ID	945
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mRNA Refseq	NM_001082618
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Protein Refseq	NP_001076087
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MIM	159590
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UniProt ID	P20138
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