

Recombinant Human CD33 Protein, Fc-tagged, FITC conjugated

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

SPECIFICATION

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|-------------------------------------|---|
| Product Overview | FITC conjugated 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 | HEK293 |
| ProteinLength | 476 |
| Form | Lyophilized |
| 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 |
| N-terminal Sequence Analysis | Asp 18 |
| Endotoxin | < 1.0 EU/ µg of the protein as determined by the LAL method. |
| Purity | > 90 % as determined by SDS-PAGE |
| Characteristic | Disulfide-linked homodimer |

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|-----------------------|---|
| | <p>Labeled with FITC via amines</p> <p>Excitation source: 488 nm spectral line, argon-ion laser</p> <p>Excitation Wavelength: 488 nm</p> <p>Emission Wavelength: 535 nm</p> |
| Stability | Samples are stable for up to 12 months from date of receipt at -70 centigrade. |
| Storage | Store it under sterile conditions at -20 to -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| Storage Buffer | Lyophilized from sterile PBS, pH 7.4. Normally 5%-8% trehalose and mannitol are added as protectants before lyophilization. |
| 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. |
| Conjugation | FITC |

GENE INFORMATION

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|------------------------|-------------------------------------|
| Gene Name | CD33 CD33 molecule [Homo sapiens] |
| Official Symbol | CD33 |
| Gene ID | 945 |
| mRNA Refseq | NM_001082618 |
| Protein Refseq | NP_001076087 |
| MIM | 159590 |

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UniProt ID

P20138

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