

# Recombinant Cynomolgus CD33 Protein, His-tagged, FITC conjugated

**Cat. No.** CD33-181CF    **Lot. No.** (See product label)

## SPECIFICATION

**Product Overview**      A DNA sequence encoding the cynomolgus CD33 (XP\_005590138.1) (Met1-Gly248) (FITC conjugated) was expressed with a polyhistidine tag at the C-terminus. Cynomolgus and Rhesus CD33 sequences are identical.

**Species**      Monkey

**Source**      HEK293

**ProteinLength**      Met1-Gly248 244

**Form**      Lyophilized

**Molecular Mass**      The recombinant cynomolgus CD33 comprises 244 amino acids and has a calculated molecular mass of 27.3 kDa. The apparent molecular mass of it is approximately 45.2 kDa in SDS-PAGE under reducing condition.

**Endotoxin**      < 1.0 EU/ µg of the protein as determined by the LAL method.

**Purity**      > 95 % as determined by SDS-PAGE

**Characteristic**      Disulfide-linked homodimer  
 Labeled with FITC via amines  
 Excitation source: 488 nm spectral line, argon-ion laser  
 Excitation Wavelength: 488 nm

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Emission Wavelength: 535 nm

**Stability** Samples are stable for up to 12 months from date of receipt at -70 centigrade.

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

**Storage Buffer** Lyophilized from sterile PBS, pH7.4.

**Conjugation** FITC

## GENE INFORMATION

**Gene Name** CD33 centigrade D33 molecule [Macaca mulatta(Rhesus monkey) ]

**Official Symbol** CD33

**Synonyms** CD33; CD33 molecule; myeloid cell surface antigen CD33

**Gene ID** 719855

**mRNA Refseq** XM\_001114616

**Protein Refseq** XP\_001114616

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