Recombinant Cynomolgus CD33 Protein, His-tagged, Alexa Fluor 488 conjugated

Cat. No. CD33-181CAF488 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	A DNA sequence encoding the cynomolgus CD33 (XP_005590138.1) (Met1-Gly248) (Alexa Fluor 488 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 Alexa Fluor 488 via amines Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm

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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	Alexa Fluor 488

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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