

Recombinant Mouse Cd33 Protein, His-tagged, Alexa Fluor 488 conjugated

Cat. No. Cd33-5169MAF488 **Lot. No.** (See product label)

SPECIFICATION

Product Overview Alexa Fluor 488 conjugated recombinant Mouse Cd33 (Q63994-1) extracellular domain (Met 1-Glu 240), fused with a polyhistidine tag at the C-terminus, was produced in Human Cell.

Species Mouse

Source HEK293

ProteinLength 235

Form Lyophilized

Molecular Mass The secreted recombinant mouse CD33 comprises 235 amino acids and has a calculated molecular mass of 26 kDa. As a result of glycosylation, the apparent molecular mass of rm CD33 is approximately 38-42 kDa in SDS-PAGE under reducing conditions.

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

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 -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
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	Alexa Fluor 488
GENE INFORMATION	
Gene Name	Cd33 CD33 antigen [Mus musculus]
Official Symbol	Cd33
Gene ID	12489
mRNA Refseq	NM_001111058
Protein Refseq	NP_001104528

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