

# Recombinant Mouse Cd33 Protein, His-tagged, FITC conjugated

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

## SPECIFICATION

**Product Overview**      FITC 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 FITC via amines  
 Excitation source: 488 nm spectral line, argon-ion laser  
 Excitation Wavelength: 488 nm  
 Emission Wavelength: 535 nm

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<b>Stability</b>	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
<b>Storage</b>	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.
<b>Storage Buffer</b>	Lyophilized from sterile PBS, pH 7.4
<b>Reconstitution</b>	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.
<b>Conjugation</b>	FITC
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	<a href="#">Cd33 CD33 antigen [ Mus musculus ]</a>
<b>Official Symbol</b>	<a href="#">Cd33</a>
<b>Gene ID</b>	<a href="#">12489</a>
<b>mRNA Refseq</b>	<a href="#">NM_001111058</a>
<b>Protein Refseq</b>	<a href="#">NP_001104528</a>

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