

Recombinant Mouse Cd33 protein(Met1-Glu240), His-tagged

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

SPECIFICATION

Product Overview	Recombinant Mouse CD33 (Q63994-1) (Met 1-Glu 240) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Glu240
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
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 per µg of the protein as determined by the LAL method.
Purity	> 92 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name Cd33 CD33 antigen [*Mus musculus*]

Official Symbol Cd33

Synonyms CD33; CD33 antigen; myeloid cell surface antigen CD33; sialic acid-binding Ig-like lectin 3; gp67; Siglec-3;

Gene ID 12489

mRNA Refseq NM_001111058

Protein Refseq NP_001104528

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