

Active Recombinant Rat CD33 protein, His-tagged

Cat. No. CD33-0705R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat CD33 protein(Asp18-Gln240), fused with His tag, was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	18-240 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Rat Siglec-3, His Tag at 1 µg/mL (100 µL/well) can bind Anti-CD33 antibody, Mouse IgG1 with a linear range of 0.2-16 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminusThe protein has a calculated MW of 26.7 kDa. The protein migrates as 37-45 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Asp18-Gln240
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE. >90% as determined by SEC-MALS.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid

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repeated freeze-thaw cycles.

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.

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