Active Recombinant Human CD33 Protein, LIgG2b Fc-tagged, low endotoxin

Cat. No. CD33-342H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD33 Protein, LIgG2b Fc-tagged, low endotoxin is expressed from human 293 cells (HEK293). It contains AA Asp 18 - His 259 (Accession # AAH28152.1). Predicted N-terminus: Asp 18. This protein carries a llama IgG2b Fc tag at the C-terminus. The protein has a calculated MW of 54.6 kDa. The protein migrates as 64-90 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Species	Human
Source	HEK293
ProteinLength	Asp 18 - His 259
Form	Lyophilized from 0.22 μm filtered solution in 50 mM Tris, 100 mM Glycine, pH7.5. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Recombinant Human CD33 protein, LIgG2b Fc-tagged, low endotoxin at 5 μg/mL (100 μL/well) can bind Anti-CD33, Human IgG1 with a linear range of 0.078-1.25 μg/mL (QC tested).
Molecular Mass	54.6 kDa
Endotoxin	Less than 0.01 EU per μg by the LAL method.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

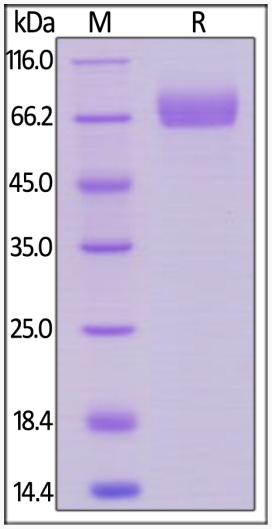
Purity	>95% as determined by SDS-PAGE.
Notes	Please avoid repeated freeze-thaw cycles.
Stability	No activity loss is observed after storage at: 4-8 centigrade for 12 months in lyophilized state; -70 centigrade for 3 months under sterile conditions after reconstitution.
Storage	For long term storage, the product should be stored at lyophilized state at -20 centigrade or lower.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 mg/ml. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.

GENE INFORMATION

Gene Name	CD33 CD33 molecule [Homo sapiens]
Official Symbol	CD33
Synonyms	CD33; CD33 molecule; CD33 antigen (gp67); FLJ00391; p67; SIGLEC 3; SIGLEC3; gp67; SIGLEC-3;
Gene ID	945
mRNA Refseq	NM_001082618
Protein Refseq	NP_001076087
MIM	159590

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

UniProt ID	P20138



Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA