

Recombinant Human CD33 protein, Fc-tagged

Cat. No. CD33-0712H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD33 protein(Pro18-His132), fused with Fc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	18-132 a.a.
Form	Lyophilized from 0.22 µm filtered solution in 50 mM Tris, 100 mM Glycine, 150 mM NaCl, pH7.5. Normally trehalose is added as protectant before lyophilization.
Molecular Mass	This protein carries a human IgG1 Fc tag at the C-terminus. The protein has a calculated MW of 38.6 kDa. The protein migrates as 46-55 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Pro18-His132
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

 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

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 molecule \[Homo sapiens \]](#)

Official Symbol [CD33](#)

Synonyms

CD33; CD33 molecule; CD33 antigen (gp67); myeloid cell surface antigen CD33; FLJ00391; p67; sialic acid binding Ig like lectin 3; SIGLEC 3; SIGLEC3; gp67; sialic acid binding Ig-like lectin 3; sialic acid-binding Ig-like lectin 3; SIGLEC-3;

Gene ID [945](#)

mRNA Refseq [NM_001082618](#)

Protein Refseq [NP_001076087](#)

MIM [159590](#)

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