

Recombinant Rat Cd33 Protein, His-tagged

Cat. No. Cd33-671R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Cd33 Protein (Pro26-Cys298) with His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Pro26-Cys298
Description	Predicted to enable protein phosphatase binding activity and sialic acid binding activity. Predicted to be involved in several processes, including negative regulation of cytokine production; negative regulation of monocyte activation; and positive regulation of protein tyrosine phosphatase activity. Predicted to be located in several cellular components, including Golgi apparatus; external side of plasma membrane; and peroxisome. Predicted to be active in plasma membrane. Orthologous to human CD33 (CD33 molecule).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 33.7 kDa; Accurate Molecular Mass: 32 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

 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

accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

Cd33 CD33 molecule [*Rattus norvegicus* (Norway rat)]

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

690492

mRNA Refseq

XM_017590101

Protein Refseq

XP_017445590

UniProt ID

F1LTZ3

 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