

## Recombinant Rat Cd33 Protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Cd33 Protein (Pro26-Cys298) with His tag was expressed in E. coli.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	Pro26-Cys298
<b>Description</b>	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).
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 33.7 kDa; Accurate Molecular Mass: 32 kDa
<b>Purity</b>	> 90%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.
<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by

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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

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