

Recombinant Human CD33 protein (Met1-His259)

Cat. No. CD33-552H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human CD33 (AAH28152.1) (Met1-His259) protein, fused with five amino acids (DDDDK) at the C-terminus, was expressed in HEK293 Cells.
Species	Human
Source	HEK293
ProteinLength	1-259 a.a.
CommonName	CD33
Predicted N Terminal	Asp 18
Form	Lyophilized from sterile PBS, pH 7.4, 5 % trehalose, 5% mannitol and 0.01% Tween80.
Molecular Mass	The recombinant human CD33 consists of 248 amino acids and predicts a molecular mass of 27.4 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.

Shipping

In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

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

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