

Human CD33 / Siglec-3 (Fc Tag) recombinant protein



Catalog Number: 504203

General Information

Gene Name Synonym

Sialic acid-binding Ig-like lectin 3; gp67

Protein Construction

A DNA sequence encoding the human CD33 (AAH28152.1) (Met1-His259) was fused with Fc region of mouse IgG at the C-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

> 90 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per µg of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Asp 18

Molecular Mass

The recombinant human CD33/mFc is a disulfide-linked homodimer. The reduced monomer

comprises 476 amino acids and has a predicted molecular mass of 53.1 kDa. The apparent molecular mass of the protein is approximately 64-68 in SDS-PAGE under reducing conditions due to glycosylation.

Formulation

Lyophilized from sterile PBS, pH 7.4.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

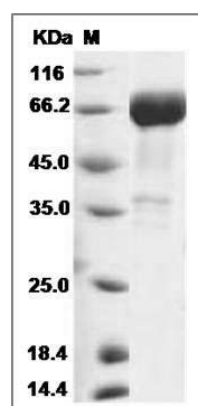
Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Human CD33 / Siglec-3 Protein (Fc Tag) SDS-PAGE