



Recombinant Human CD33 Protein Product Manual

1. Product Basic Information

Product No.: REP06376

Protein Name: Cd33 Molecule (CD33)

Aliases: p67; gp67; SIGLEC3; SIGLEC-CD33rSiglec; CD33 molecule; CD33 antigen (gp67); CD33 molecule transcript; myeloid cell surface antigen CD33; sialic acid-binding Ig-like lectin 3

UniProt ID: P20138

UniProt Link: <https://www.uniprot.org/uniprotkb/P20138/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Extracellular Domain (18-259aa)

Molecular Weight: 46.7 kDa

Protein Tag: N-terminal 10xHis-SUMO-tagged and C-terminal Myc-tagged

2. Amino Acid Sequence (18-259aa)

DPNFWLQVQESVTVQEGLCVLVPCTFFHPIPYDYDKNSPVHGYWFREGAIISRDSPV
ATNKLDQEVQEETQGRFRL LGDPSRNNCSLSIVDARRRDNGSYFFRMERGSTKYS
YKSPQLSVHVTDLTHRPKILIPGTLEPGH SKNLTCVSWACEQGTPPIFSWLSAAPT
SLGPRTHSSVLIITPRPQDHGTNLTCQVKFAGAGVT TERTIQLNVTYVPQNPTTGIF
PGDGSGKQETRAGVVH

3. Storage Buffer

Liquid Delivery Form: Tris-based buffer with 50% glycerol.

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause

5. Product Description

This product is a recombinant Human CD33 extracellular domain protein (18-259aa) expressed in E.coli. The protein is dual-tagged with 10xHis-SUMO tag at the N-terminus and Myc tag at the C-terminus, which facilitates protein purification, detection and identification. CD33, also known as p67 or gp67 or SIGLEC3, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.