

Recombinant Full Length Human CD33 Protein

Cat. No. CD33-3161HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CD33 full-length ORF (AAH28152.1) recombinant protein without tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	836 amino acids
Description	CD33 (CD33 Molecule) is a Protein Coding gene. Diseases associated with CD33 include Gallbladder Lymphoma and Extracutaneous Mastocytoma. Among its related pathways are Immunoregulatory interactions between a Lymphoid and a non-Lymphoid cell and Natural Killer Cell Receptors: Human Target Cell – NK Cell Ligand-Receptor Interactions. GO annotations related to this gene include receptor activity and carbohydrate binding. An important paralog of this gene is SIGLEC6.
Form	Liquid
Molecular Mass	39.7 kDa
AA Sequence	MPLLLLLPLLWAGALAMDPNFWLQVQESVTVQEGLCVLVPCTFFHPIPIYYDKNSPVH GYWFREGAIISGDSPVATNKLDQEVQEETQGRFRLGDP SRNNCSLSIVDARRRDN GSYFFRMERGSTKYSYKSPQLSVHVTDLTHRPKILIPGTLEPGH SKNLTCVSWACE QGTPPIFSWLSAAPTSLGPRTTTHSSVLIITPRPQDHGTNLTCQVKFAGAGVTTERTIQ LNVTYVPQNPTTGIFPGDGSGKQETRAGVVHGAIGGAGVTALLALCLCLIFFIVKTHR RKAARTAVGRNDTHPTTGSASPKHQKKS KLHGPTETSSCSGAAPT VEMDEELHYA

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SLNFHGMNPSKDTSTEYSEVRTQ

Applications

Antibody Production
Functional Study
Compound Screening

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

25 mM Tris-HCl of pH8.0 containing 2% glycerol.

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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