

# Recombinant Full Length Human CD33 Protein

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

## SPECIFICATION

<b>Product Overview</b>	Human CD33 full-length ORF (AAH28152.1) recombinant protein without tag.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	836 amino acids
<b>Description</b>	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.
<b>Form</b>	Liquid
<b>Molecular Mass</b>	39.7 kDa
<b>AA Sequence</b>	<p>MPLLLLLLPLLWAGALAMDPNFWLQVQESVTVQEGLCVLVPCTFFHPIPIYYDKNSPVH  GYWFREGAIISGDSPVATNKLDQEVQEETQGRFRLGDP SRNNCSLSIVDARRRDN  GSYFFRMERGSTKYSYKSPQLSVHVTDLTHRPKILIPGTLEPGH SKNLTCVSWACE  QGTPPIFSWLSAAPTSLGPRTHSSVLIITPRPQDHGTNLTCQVKFAGAGVTTERTIQ  LNVTYVPQNPTTGIFPGD GSGKQETRAGVVHGAIGGAGVTALLALCLCLIFFIVKTHR  RKAARTAVGRNDTHPTTGSASPKHQKSKLHGPTETSSCSGAAPT VEMDEELHYA</p>

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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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