

Recombinant Human CD33 Protein, GST-Tagged

Cat. No. CD33-0791H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CD33 full-length ORF (AAH28152.1, 1 a.a. - 364 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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.
Molecular Mass	65.78 kDa
AA Sequence	MPLLLLLPLWAGALAMDPNFWLQVQESVTVQEGLCVLVPCTFFHPIPIYYDKNSPVH GYWFREGAIISGDSPVATNKLDQEVQEETQGRFRLGDP SRNNCSLSIVDARRRDN GSYFFRMERGSTKYSYKSPQLSVHVTDLTHRPKILIPGTLEPGH SKNLTC SVSWACE QGTPIFSWLSAAPTSLGPRTHSSVLIITPRPQDHGTNLTCQVKFAGAGVTTERTIQ LNVTYVPQNPTTGIFPGD GSGKQETRAGVVHGAIGGAGVTALLALCLCLIFFIVKTHR RKAARTAVGRNDTHPTTGSASPKHQKSKLHGPTETSSCSGAAPT VEMDEELHYA SLNFHGMNPSKDTSTEYSEVRTQ
Applications	Enzyme-linked Immunoabsorbent Assay

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Western Blot (Recombinant protein)
Antibody Production
Protein Array

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

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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

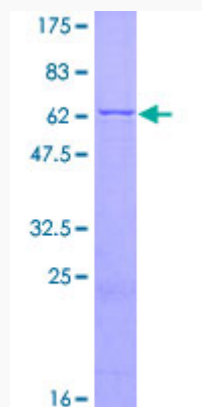
UniProt ID P20138

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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