

Recombinant Human CD33 Protein, Fc/His-tagged

Cat. No. CD33-833H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD33, transcript variant 1, fused with Fc/His tag at C-terminal was expressed in HEK293 cells.
Species	Human
Source	HEK293
Form	Lyophilized from a 0.2 M filtered solution of 20mM PB, 150mM NaCl, 2mM EDTA, pH 7.2
Molecular Mass	55.01kD
AA Sequence	DPNFWLQVQESVTVQEGLCVLVPCTFFHPIPYDKNSPVHGYWFRGAIISGDSPV ATNKLDQEVQEETQGRFRLLGDPSRNNCSLSIVDARRRDNGSYFFRMERGSTKYS YKSPQLSVHVTDLTHRPKILIPGTLEPGHSHKNLTCSVSWACEQGTPIFSWLSAPTS LGPRTHSSVLIITPRPQDHGTNLTCQVKFAGAGVTERTIQLNVTYVPQNPTTGIFP GDGSGKQETRAGVVHTSDIEGRMDEPKSCDKTHTCPPCPAPPELLGGPSVFLFPPKP KDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVV SVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMT KNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKS RWQQGNVFSCSVMHEALHNHYTQKSLSLSPGKVDHHHHHH
Endotoxin	Endotoxin level is <0.1 ng/g of protein (<1EU/g).
Purity	>95% as determined by SDS-PAGE and Coomassie blue staining

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Concentration

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

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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