

# Recombinant Human CD33 Protein, Fc/His-tagged, FITC conjugated

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

## SPECIFICATION

<b>Product Overview</b>	FITC conjugated recombinant human CD33, transcript variant 1, fused with Fc/His tag at C-terminal was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	55.01 kDa
<b>AA Sequence</b>	<p>DPNFWLQVQESVTVQEGLCVLPCTFFHPIPIYYDKNSPVHGYWFRREGAIIISGDSPV            ATNKLDQEVQEETQGRFRLLGDPSRNNCSLSIVDARRRDNGSYFFRMERGSTKYS            YKSPQLSVHVTDLTHRPKILIPGTLEPGHSKNLTCSVSWACEQGTPIFSWLSAPTS            LGPRTHSSVLIITPRPQDHGTNLTCQVKFAGAGVTTERTIQLNVTYVPQNPTTGIFP            GDGSGKQETRAGVVHTSDIEGRMDEPKSCDKTHTCPPCPAPPELLGGPSVFLFPPKP            KDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVV            SVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTK            NQVSLTCLVKGFIYPSDIAVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKSR            WQQGNVFCFSVMHEALHNHYTQKSLSLSPGKVDHHHHHH</p>
<b>Endotoxin</b>	< 0.1 ng/ µg of protein (< 1 EU/ µg).
<b>Purity</b>	> 95 % as determined by SDS-PAGE and Coomassie blue staining

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Characteristic</b>	<p>Disulfide-linked homodimer</p> <p>Labeled with FITC via amines</p> <p>Excitation source: 488 nm spectral line, argon-ion laser</p> <p>Excitation Wavelength: 488 nm</p> <p>Emission Wavelength: 535 nm</p>
<b>Storage Buffer</b>	Lyophilized from a 0.2 µM filtered solution of 20 mM PB, 150 mM NaCl, 2 mM EDTA, pH 7.2
<b>Reconstitution</b>	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.
<b>Conjugation</b>	FITC
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	CD33 CD33 molecule [ Homo sapiens ]
<b>Official Symbol</b>	CD33
<b>Synonyms</b>	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;
<b>Gene ID</b>	945
<b>mRNA Refseq</b>	NM_001082618
<b>Protein Refseq</b>	NP_001076087

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<b>MIM</b>	159590
<b>UniProt ID</b>	P20138

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