

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

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

### SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | 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 from a 0.2 M filtered solution of 20mM PB, 150mM NaCl, 2mM EDTA, pH 7.2  |
| <b>Molecular Mass</b>   | 55.01kD  |
| <b>AA Sequence</b>      | <p>DPNFWLQVQESVTVQEGLCVLPCTFFHPIPIYYDKNSPVHGYWFREGAIISGDSPV<br/>           ATNKLDQEVQEETQGRFRLLGDPSRNNCSLSIVDARRRDNGSYFFRMERGSTKYS<br/>           YKSPQLSVHVTDLTHRPKILIPGTLEPGHSKNLTCSVSWACEQGTPIFSWLSAPTS<br/>           LGPRTHSSVLIITPRPQDHGTNLTCQVKFAGAGVTTERTIQLNVTYVPQNPTTGIFP<br/>           GDGSGKQETRAGVVHTSDIEGRMDEPKSCDKTHTCPPCPAPPELLGGPSVFLFPPKP<br/>           KDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVV<br/>           SVLTVLHQDWLNGKEYKCKVS?NKALPAPIEKTISKAKGQPREPQVYTLPPSREEMT<br/>           KNQVSLTCLVKGFPYPSDIAVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKS<br/>           RWQQGNVFSCSVMHEALHNHYTQKSLSLSPGKVDHHHHHH</p> |
| <b>Endotoxin</b>        | Endotoxin level is <0.1 ng/g of protein (<1EU/g).  |
| <b>Purity</b>           | >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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