

# Recombinant Human CD33 Protein, Fc/His-tagged, Alexa Fluor 555 conjugated

**Cat. No.** CD33-833HAF555    **Lot. No.** (See product label)

## SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Alexa Fluor 555 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>DPNFWLQVQESVTVQEGLCVLPCTFFHPIPIYYDKNSPVHGYWFREGAIISGDSPV<br/>           ATNKLDQEVQEETQGRFRLLGDPSRNNCSLSIVDARRRDNGSYFFRMERGSTKYS<br/>           YKSPQLSVHVTDLTHRPKILIPGTLEPGHSKNLTCSVSWACEQGTPPIFSWLSAPTS<br/>           LGPRTHSSVLIITPRPQDHGTNLTCQVKFAGAGVTTERTIQLNVTYVPQNPTTGIFP<br/>           GDGSGKQETRAGVVHTSDIEGRMDEPKSCDKTHTCPPCPAPPELLGGPSVFLFPPKP<br/>           KDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVV<br/>           SVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTK<br/>           NQVSLTCLVKGFIYPSDIAVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKSR<br/>           WQQGNVFCFSVMHEALHNHYTQKLSLSLSPGKVDHHHHHH</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 Alexa Fluor 555 via amines</p> <p>With an excitation and emission maximum of 555/565 nm, Alexa Fluor 555 can be efficiently excited using a 543 nm He-Ne laser line and detected under standard TRITC/Cy3 filters.</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>      | Alexa Fluor 555  |
| <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   |

 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>MIM</b> | 159590 |
|------------|--------|

|                   |        |
|-------------------|--------|
| <b>UniProt ID</b> | P20138 |
|-------------------|--------|

 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