

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

Cat. No. CD33-313HAF555 Lot. No. (See product label)

## SPECIFICATION

**Product Overview** Alexa Fluor 555 conjugated recombinant human CD33 (AAH28152.1) (Met1-His259), fused with the Fc region of mouse IgG at the C-terminus, was produced in Human Cells.

**Species** Human

**Source** HEK293

**ProteinLength** 476

**Form** Lyophilized

**Molecular Mass** The recombinant human CD33/mFc is a disulfide-linked homodimer. The reduced monomer comprises 476 amino acids and has a predicted molecular mass of 53.1 kDa. The apparent molecular mass of the protein is approximately 64-68 in SDS-PAGE under reducing cond

**N-terminal Sequence Analysis** Asp 18

**Endotoxin** < 1.0 EU/ µg of the protein as determined by the LAL method.

**Purity** > 90 % as determined by SDS-PAGE

 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>Stability</b>	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
<b>Storage</b>	Store it under sterile conditions at -20 to-70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Storage Buffer</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5%-8% trehalose and mannitol are added as protectants before lyophilization.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
<b>Conjugation</b>	Alexa Fluor 555

## GENE INFORMATION

<b>Gene Name</b>	CD33 CD33 molecule [ Homo sapiens ]
<b>Official Symbol</b>	CD33
<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
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<b>UniProt ID</b>	P20138
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