

Recombinant Human CD33 Protein, ECD, Tag Free, Biotinylated

Cat. No. CD33-043H **Lot. No.** (See product label)

SPECIFICATION

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| Product Overview | Recombinant human CD33 (Siglec-3) protein was developed from HEK293. |
| Species | Human |
| Source | HEK293 |
| ProteinLength | ECD |
| Description | Enables protein phosphatase binding activity and sialic acid binding activity. Involved in several processes, including negative regulation of cytokine production; negative regulation of monocyte activation; and positive regulation of protein tyrosine phosphatase activity. Located in several cellular components, including Golgi apparatus; external side of plasma membrane; and peroxisome. |
| Conjugation/Label | Biotin |
| Form | Lyophilised |
| Endotoxin | Endotoxin level was found to be less than 0.1 ng/μg (1 EU/μg). |
| Applications | ELISA, WB |
| Notes | FOR RESEARCH USE ONLY (RUO). |

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| Storage | Recombinant CD33 can be stored in working aliquots at 2 to 8 centigrade for one month, or at -20 to -70 centigrade for 1 year. Avoid repeated freeze/thaw cycles. |
| Storage Buffer | Lyophilised from 0.2 µm filtered PBS solution, pH 7.2, 5% Trehalose. |
| Conjugation | Biotin |
| GENE INFORMATION | |
| Gene Name | CD33 CD33 molecule [Homo sapiens (human)] |
| 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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