

Datasheet for ABIN7092860  
**CD33 Protein (CD33) (AA 18-240) (Fc Tag)**



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1 Image

## Overview

|                               |  |
|-------------------------------|--|
| Quantity:                     | 100 µg                                     |
| Target:                       | CD33                                       |
| Protein Characteristics:      | AA 18-240                                  |
| Origin:                       | Mouse                                      |
| Source:                       | HEK-293 Cells                              |
| Protein Type:                 | Recombinant                                |
| Purification tag / Conjugate: | This CD33 protein is labelled with Fc Tag. |

## Product Details

|                  |   |
|------------------|---|
| Purpose:         | Recombinant mouse CD33 protein with C-terminal human Fc tag   |
| Specificity:     | Mouse CD33 (Asp18-Glu240) hFc (Glu99-Ala330)  |
| Characteristics: | Extracellular Domain Protein  |
| Purification:    | Purified from cell culture supernatant by affinity chromatography                                     |
| Purity:          | The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining. |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | CD33   |
| Alternative Name: | CD33 ( <a href="#">CD33 Products</a> )   |
| Background:       | Sialic-acid-binding immunoglobulin-like lectin (Siglec) that plays a role in mediating cell-cell |

## Target Details

interactions and in maintaining immune cells in a resting state (By similarity). Preferentially binds sialic acid to the short O-linked glycans of certain mucins (PubMed:12773563).[UniProtKB/Swiss-Prot Function]

**Molecular Weight:** predicted molecular mass of 50.8 kDa after removal of the signal peptide. The apparent molecular mass of mCD33-hFc is 55-70 kDa due to glycosylation.

**UniProt:** [Q63994](#)

## Application Details

**Restrictions:** For Research Use only

## Handling

**Format:** Lyophilized

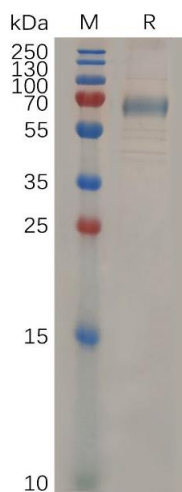
**Buffer:** Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

**Storage:** -20 °C, -80 °C

**Storage Comment:** Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

**Expiry Date:** 12 months

## Images



### SDS-PAGE

**Image 1.** Mouse CD33 Protein, hFc Tag on SDS-PAGE under reducing condition