

PRODUCT INFORMATION

| | |
|------------------------------|--|
| Target | CD33 |
| Synonyms | gp67;Siglec-3 |
| Description | Recombinant mouse CD33 protein with C-terminal human Fc tag |
| Delivery | In Stock |
| Uniprot ID | Q63994 |
| Expression Host | HEK293 |
| Tag | C-Human Fc Tag |
| Molecular Characterization | Mouse CD33(Asp18-Glu240) hFc(Glu99-Ala330) |
| Molecular Weight | The protein has a predicted molecular mass of 50.8 kDa after removal of the signal peptide. The apparent molecular mass of mCD33-hFc is approximately 55-70 kDa due to glycosylation. |
| Purity | The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining. |
| Formulation & Reconstitution | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. |
| Storage & Shipping | 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. |
| Background | Sialic-acid-binding immunoglobulin-like lectin (Siglec) that plays a role in mediating cell-cell 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] |
| Usage | Research use only |
| Conjugate | Unconjugated |



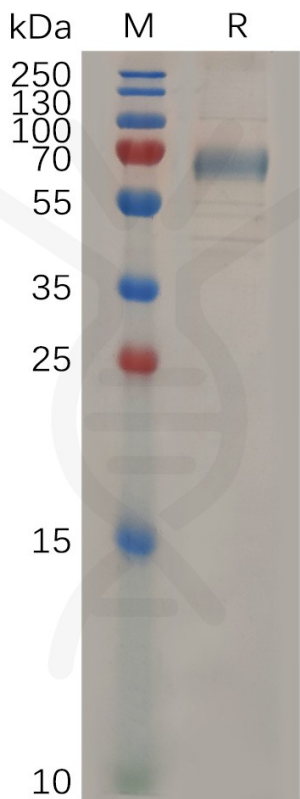


Figure 1. Mouse CD33 Protein, hFc Tag on SDS-PAGE under reducing condition

