

PRODUCT INFORMATION

|                              |   |
|------------------------------|---|
| Target                       | SIGLEC15  |
| Synonyms                     | CD33 antigen-like 3;SIGLEC-15;CD33L3;sialic acid-binding Ig-like lectin 15;Siglec15;Siglec-15   |
| Description                  | Recombinant human SIGLEC15 protein with C-terminal mouse Fc and 6×His tag   |
| Delivery                     | In Stock  |
| Uniprot ID                   | Q6ZMC9  |
| Expression Host              | HEK293  |
| Tag                          | C-Mouse Fc and 6×His Tag  |
| Molecular Characterization   | SIGLEC15(Phe20-Thr263) mFc(Pro99-Lys330) 6×His tag  |
| Molecular Weight             | The protein has a predicted molecular mass of 53.6 kDa after removal of the signal peptide.The apparent molecular mass of SIGLEC15-mFc-His 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                   | SIGLEC15 (Sialic Acid Binding Ig Like Lectin 15) is a Protein Coding gene. Diseases associated with SIGLEC15 include Osteoporosis;Juvenile and Osteoporosis. Among its related pathways are Innate Immune System and RET signaling. An important paralog of this gene is SIGLEC1. |
| Usage                        | Research use only   |
| Conjugate                    | Unconjugated  |



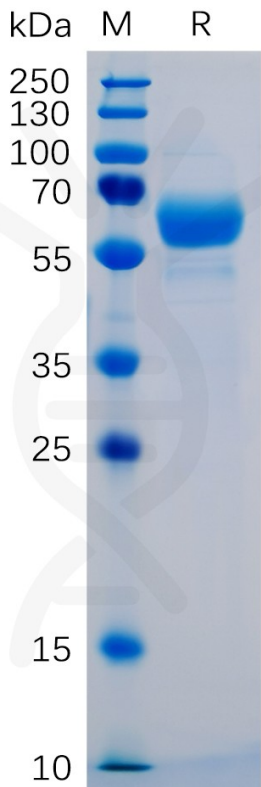


Figure 1. Human SIGLEC15 Protein, mFc-His Tag on SDS-PAGE under reducing condition.

