## PRODUCT INFORMATION

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|---|---|
| **Target** | SIGLEC5 |
| **Synonyms** | CD33L2;CD170;OB-BP2;OBBP2;SIGLEC-5 |
| **Description** | Recombinant Human SIGLEC5 Protein with C-terminal 6×His tag |
| **Delivery** | In Stock |
| **Uniprot ID** | O15389 |
| **Expression Host** | HEK293 |
| **Tag** | C-6×His Tag |
| **Molecular Characterization** | SIGLEC5(Glu17-Thr434) 6×His tag |
| **Molecular Weight** | The protein has a predicted molecular mass of 47.2 kDa after removal of the signal peptide. The apparent molecular mass of SIGLEC5-His is approximately 55-100 kDa due to glycosylation. |
| **Purity** | The purity of the protein is greater than 85% 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** | This gene encodes a member of the sialic acid-binding immunoglobulin-like lectin (Siglec) family. These cell surface lectins are characterized by structural motifs in the immunoglobulin (Ig)-like domains and sialic acid recognition sites in the first Ig V set domain. The encoded protein is a member of the CD33-related subset of Siglecs and inhibits the activation of several cell types including monocytes, macrophages and neutrophils. Binding of group B Streptococcus (GBS) to the encoded protein plays a role in GBS immune evasion. [provided by RefSeq, Feb 2012] |
| **Usage** | Research use only |
| **Conjugate** | Unconjugated |

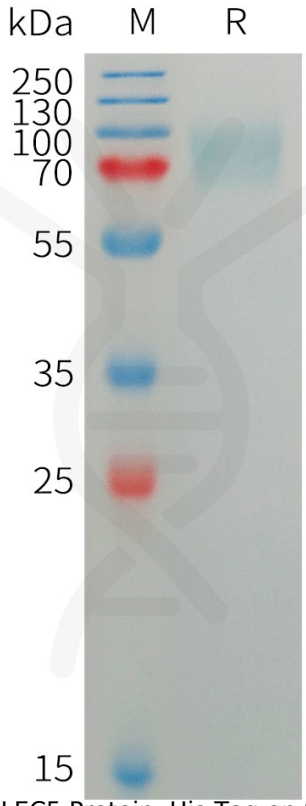


Figure 1. Human SIGLEC5 Protein, His Tag on SDS-PAGE under reducing condition.