

## 32-18159: Recombinant Human SIGLEC5 Protein, His Tag

**Uniprot ID :** O15389

**Alternative Name :** CD33L2; CD170; OB-BP2; OBBP2; SIGLEC-5

### Description

Molecular Characterization: SIGLEC5(Glu17-Thr434) 6 $\bar{A}$ —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.

Description: Recombinant Human SIGLEC5 Protein with C-terminal 6 $\bar{A}$ —His tag

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.

### Product Info

**Amount :** 100  $\mu$ g / 50  $\mu$ g

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

**Storage condition :** 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.