

## Recombinant Human SIGLEC5 Protein (17-441), C-Fc/Avi-tagged, Biotin-labeled

**Cat. No.** SIGLEC5-34H    **Lot. No.** (See product label)

### SPECIFICATION

**Product Overview** Human secreted Sialic Acid Binding Ig Like Lectin 5 (Siglec5)-Fc fusion protein, also known as CD33L2 and OBBP2, GenBank Accession No. NM\_003830, a.a. 17-441, fused at the C-terminus of the Fc portion of human IgG1, with C-terminal Avi-tag, expressed in a HEK293 cell expression system and enzymatically biotinylated using Avi-tag™ technology.

**Species** Human

**Source** HEK293

**ProteinLength** 17-441

**Description** 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.

**Form** Aqueous buffer solution.

**Molecular Mass** 76 kDa

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<b>Notes</b>	Thaw on ice and gently mix prior to use. DO NOT VORTEX. Perform a quick spin before opening. Aliquot into small volumes and flash freeze for long term storage. Avoid multiple freeze/thaw cycles.
<b>Storage</b>	At least 6 months at -80 centigrade.
<b>Storage Buffer</b>	8 mM Phosphate, pH 7.4, 110 mM NaCl, 2.2 mM KCl, and 20% glycerol.
<b>Shipping</b>	At -80 centigrade
<b>Warning</b>	Avoid freeze/thaw cycles.
<b>Conjugation</b>	Biotin

## GENE INFORMATION

<b>Gene Name</b>	SIGLEC5 sialic acid binding Ig like lectin 5 [ Homo sapiens (human) ]
<b>Official Symbol</b>	SIGLEC5
<b>Synonyms</b>	SIGLEC5; sialic acid binding Ig like lectin 5; CD170; OBBP2; CD33L2; OB-BP2; SIGLEC-5; sialic acid-binding Ig-like lectin 5; CD33 antigen-like 2; OB-binding protein 2; obesity-binding protein 2; sialic acid-binding immunoglobulin-like lectin 5
<b>Gene ID</b>	8778
<b>mRNA Refseq</b>	NM_003830
<b>Protein Refseq</b>	NP_003821
<b>MIM</b>	604200

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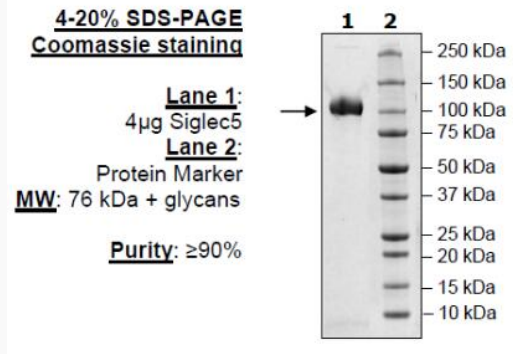
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UniProt ID

O15389

SDS-PAGE



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