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

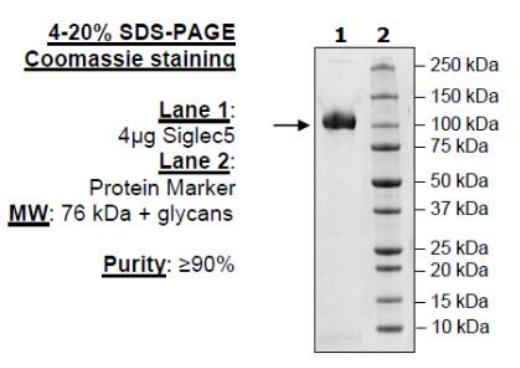
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Notes	Thaw on ice and gently mix prior to use. DO NOT VORTEX. Perform a quick spin before opening. Aliquot into small volumes and flash freeze for long term storage. Avoid multiple freeze/thaw cycles.
Storage	At least 6 months at –80 centigrade.
Storage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

GENE INFORMATION

Gene Name	SIGLEC5 sialic acid binding Ig like lectin 5 [Homo sapiens (human)]
Official Symbol	SIGLEC5
Synonyms	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
Gene ID	8778
mRNA Refseq	NM_003830
Protein Refseq	NP_003821
MIM	604200

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UniProt ID	O15389
SDS-PAGE	

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