

## Product datasheet for **RC206610L3V**

### **SIGLEC5 (NM\_003830) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	SIGLEC5 (NM_003830) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SIGLEC5
Synonyms:	CD33L2; CD170; OB-BP2; OBBP2; SIGLEC-5
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_003830
ORF Size:	1653 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206610).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	<a href="#">NM_003830.1</a>
RefSeq Size:	2523 bp
RefSeq ORF:	1656 bp
Locus ID:	8778
UniProt ID:	<a href="#">O15389</a>
Cytogenetics:	19q13.41
Domains:	ig
Protein Families:	Druggable Genome, Transmembrane

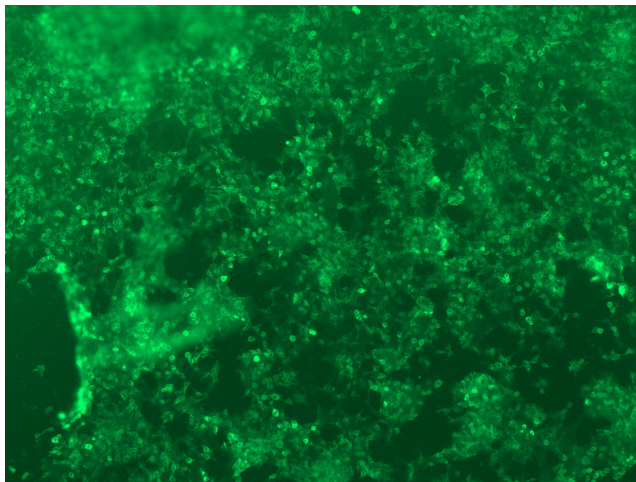


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MW: 60.7 kDa

**Gene Summary:** 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]

**Product images:**



[RC206610L3] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC206610L3V particle to overexpress human SIGLEC5-Myc-DDK fusion protein.