

## Product datasheet for **SC328901**

### **SIGLEC10 (NM\_001171158) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	SIGLEC10 (NM_001171158) Human Untagged Clone
Tag:	Tag Free
Symbol:	SIGLEC10
Synonyms:	PRO940; SIGLEC-10; SLG2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

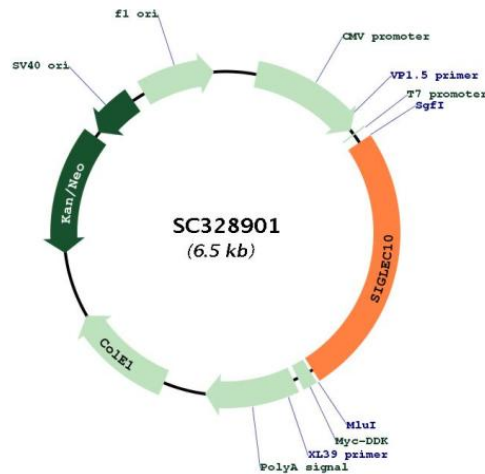


[View online »](#)

**Fully Sequenced ORF:** >SC328901 representing NM\_001171158.  
Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCTACTGCCACTGCTGCTGTCTCGCTGTGGCGGGTCCCAGGCTATGGATGGGAGATTCTGGATA
CGAGTGCAGGAGTCAGTGATGGTGCCGGAGGGCCTGTGCATCTCTGTGCCCTGCTCTTTCTCCTACCCC
CGACAAGACTGGACAGGGTCTACCCAGCTTATGGCTACTGGTTCAAAGCAGTACTGAGACAACCAAG
GGTGCTCCTGTGGCCACAAACCACAGAGTCGAGAGGTGAAATGAGCACCCGGGCGGATTCCAGCTC
ACTGGGGATCCCGCCAAGGGGAAGTCTCTTGGTGATCAGAGACGCGCAGATGCAGGATGAGTCACAG
TACTTCTTTGGGTGGAGAGAGGAAGCTATGTGAGATATAATTTTCATGAACGATGGGTTCTTTCTAAAA
GTAAACAGGAACCAACCAACGACCTCCCCTTCTCAGTGCTCAGCTTACGCCAGACCCAGGACCAC
AACACCGACCTCACCTGCCATGTGGACTTCTCCAGAAAGGGTGTGAGCGCACAGAGGACCGTCCGACTC
CGTGTGGCCTATGCCCCAGAGACCTTGTATCAGCATTTACGTGACAACACGCCAGCCCTGGAGCCC
CAGCCCCAGGGAAATGTCCATACCTGGAAGCCAAAAAGGCCAGTTCTCGGGCTCCTCTGTGCTGCT
GACAGCCAGCCCCCTGCCACACTGAGCTGGTCTGCAGAACAGAGTCTCTCTCGTCCCATCCCTGG
GGCCCTAGACCCCTGGGGCTGGAGCTGCCCGGGGTGAAGGCTGGGGATTAGGGCGCTACACCTGCCGA
GCGGAGAACAGGCTTGGCTCCCAGCAGCGAGCCCTGGACCTCTCTGTGCAGTATCCTCCAGAGAACCTG
AGAGTGATGGTTTCCAAGCAAACAGGACAGTCTGGAACCTTGGGAACGGCACGTCTCTCCAGTA
CTGGAGGGCCAAAGCCTGTGCCTGGTCTGTGTACACACAGCAGCCCCCAGCCAGGCTGAGCTGGACC
CAGAGGGGACAGGTTCTGAGCCCTCCCAGCCCTCAGACCCGGGGTCTGGAGCTGCCTCGGGTTCAA
GTGGAGCACGAAGGAGATTACCTGCCACGCTCGGCACCCACTGGGCTCCCAGCACGTCTCTCAGC
CTCTCCGTGCACTATAAGAAGGACTCATCTCAACGGCATTCTCCAACGGAGCGTTTCTGGGAATCGGC
ATCACGGCTCTTCTTTCTCTGCCTGGCCCTGATCATCATGAAGATTCTACCGAAGAGACGGACTCAG
ACAGAAACCCCGAGGCCAGGTTCTCCCGGCACAGCAGATCCTGGATTACATCAATGTGGTCCCAGC
GCTGGCCCCCTGGCTCAGAAGCGGAATCAGAAAGCCACACCAAACAGTCTCGGACCCCTTCCACCA
GGTGCTCCCTCCCAGAATCAAAGAAGAACCAGAAAAAGCAGTATCAGTTGCCAGTTTCCCAGAACCC
AAATCATCCACTCAAGCCCCAGAATCCCAGGAGAGCCAAGAGGAGCTCCATTATGCCACGCTCAACTTC
CCAGGCGTCAGACCCAGGCTGAGGCCGGATGCCAAGGGCACCCAGGCGGATTATGCAGAAGTCAAG
TTCCAATGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

**Restriction Sites:** Sgfl-Mlul

**Plasmid Map:**


**ACCN:** NM\_001171158

**Insert Size:** 1665 bp

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

**OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

**Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

**RefSeq:** [NM\\_001171158.1](#)

**RefSeq Size:** 2971 bp

**RefSeq ORF:** 1665 bp

**Locus ID:** 89790

**UniProt ID:** [Q96LC7](#)

**Cytogenetics:** 19q13.41

**Protein Families:** Druggable Genome, Transmembrane

**MW:** 61.4 kDa

**Gene Summary:** SIGLECs are members of the immunoglobulin superfamily that are expressed on the cell surface. Most SIGLECs have 1 or more cytoplasmic immune receptor tyrosine-based inhibitory motifs, or ITIMs. SIGLECs are typically expressed on cells of the innate immune system, with the exception of the B-cell expressed SIGLEC6 (MIM 604405).[supplied by OMIM, Jul 2002]

Transcript Variant: This variant (4) lacks an in-frame segment and an in-frame exon in the CDS, as compared to variant 1. The resulting isoform (4) lacks two internal segments, as compared to isoform 1.