

Product datasheet for **SC328969**

SIGLEC10 (NM_001171157) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SIGLEC10 (NM_001171157) Human Untagged Clone
Tag:	Tag Free
Symbol:	SIGLEC10
Synonyms:	PRO940; SIGLEC-10; SLG2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001171157, the custom clone sequence may differ by one or more nucleotides

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ATGCTACTGCCACTGCTGCTGCTCCTCGCTGCTGGGCGGGTCCCAGGCTATGGATGGGAGA
TTCTGGATACGAGTGCAGGAGTCAGTGATGGTGCCGGAGGGCCTGTGCATCTCTGTGCC
TGCTCTTTCTCTACCCCGACAAGACTGGACAGGGTCTACCCAGCTTATGGCTACTGG
TTCAAAGCAGTGACTGAGACAACCAAGGGTCTCCTGTGGCCACAACCACCAGAGTCGA
GAGGTGGAAATGAGCACCCGGGGCCGATTCCAGTCACTGGGGATCCCGCCAAGGGGAAC
TGCTCCTTGGTGATCAGAGACGCGCAGATGCAGGATGAGTCACAGTACTTCTTTTCGGGTG
GAGAGAGGAAGCTATGTGAGATAAATTCATGAACGATGGGTTCTTTCTAAAAGTAACA
GCCCTGACTCAGAAGCCTGATGTCTACATCCCGAGACCCTGGAGCCCGGGCAGCCGGTG
ACGGTCATCTGTGTGTTAACTGGGCCTTTGAGGAATGTCCACCCCTTCTTTCTCTCGG
ACGGGGGCTGCCCTCTCCTCCCAAGGAACCAACCAACGACCTCCCACTTCTCAGTGCTC
AGCTTCACGCCAGACCCAGGACCACAACACCGACCTCACCTGCCATGTGGACTTCTCC
AGAAAGGGTGTGAGCGCACAGAGGACCGTCCGACTCCGTGTGGCCTATGCCCCAGAGAC
CTTGTTATCAGCATTTACGTGACAACACGCCAGCCCTGGAGCCCGAGCCCAAGGAAAT
GTCCCATACCTGGAAGCCAAAAAGGCCAGTTCCTGCGGCTCCTCTGTGCTGCTGACAGC
CAGCCCCCTGCCACACTGAGCTGGGTCCTGCAGAACAGAGTCTCTCCTCGTCCCATCCC
TGGGGCCCTAGACCCCTGGGGCTGGAGCTGCCCGGGTGAAGGCTGGGGATTAGGGCGC
TACACCTGCCGAGCGGAGAACAGGCTTGGCTCCCAGCAGCGAGCCCTGGACCTCTCTGTG
CAGTATCTCCAGAGAACCTGAGAGTGATGGTTTCCCAAGCAAACAGGACAGTCTGGAA
AACCTTGGGAACGGCACGTCTCTCCAGTACTGGAGGGCCAAAGCCTGTGCCTGGTCTGT
GTCACACACAGCAGCCCCCAGCCAGGCTGAGCTGGACCCAGAGGGGACAGGTTCTGAGC
CCCTCCCAGCCCTCAGACCCCGGGTCTTGGAGTGCCTCGGGTTCAAGTGGAGCACGAA
GGAGAGTTACCTGCCACGCTCGGCACCCACTGGGCTCCAGCAGTCTCTCTCAGCCTC
TCCGTGCACTATAAGAAGGGACTCATCTCAACGGCATTCTCCAACGGAGCGTTTCTGGGA
ATCGGCATCACGGCTCTTCTTTCTCTGCCTGGCCCTGATCATCATGAAGATTCTACCG
AAGAGACGGACTCAGACAGAAACCCGAGGCCAGGTTCTCCCGGCACAGCACGATCCTG
GATTACATCAATGTGGTCCCGACGGCTGGCCCCCTGGCTCAGAAGCGGAATCAGAAAGCC
ACACCAAACAGTCTCGGACCCCTTCCACCAGGTGCTCCCTCCCAGAATCAAAGAAG
AACCAGAAAAAGCAGTATCAGTTGCCAGTTTCCAGAACCCAAATCATCCACTCAAGCC
CCAGAATCCCAGGAGAGCCAAGAGGAGTCCATTATGCCAGGCTCAACTCCCAGGCGTC
AGACCCAGGCTGAGGCCGGATGCCCAAGGGCACCCAGGCGGATTATGCAGAAGTCAAG
TTCCAATGA

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Restriction Sites: Please inquire

ACCN: NM_001171157

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:	<ol style="list-style-type: none">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:	<u>NM_001171157.1, NP_001164628.1</u>
RefSeq Size:	3115 bp
RefSeq ORF:	1809 bp
Locus ID:	89790
UniProt ID:	<u>Q96LC7</u>
Cytogenetics:	19q13.41
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (3) lacks an in-frame exon in the CDS, as compared to variant 1. The resulting isoform (3) lacks an internal segment, as compared to isoform 1.</p>