

Product datasheet for **SC305686**

SIGLEC11 (NM_052884) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SIGLEC11 (NM_052884) Human Untagged Clone
Tag:	Tag Free
Symbol:	SIGLEC11
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_052884 edited
 ATGGTCACTGCCCTCCACCAGGCTTCTGCTGGAGGAGTTTCTTCCCAGCCAGGCCGG
 CCCAGAAGCCAGATGGTCCCAGGACAGGCCAGCCAGAGCCAGAGATGCTGTGCTG
 CCCCTGCTGCTGCCCGTCTGGGGGCGGGTCCCTGAACAAGGATCCCAGTTACAGTCTT
 CAAGTGCAGAGGCAGGTGCCGGTCCCGGAGGCCCTGTGTGTCATCGTGTCTTGAACCTC
 TCTACCCCGGGATGGCTGGGACGAGTCTACTGCTGCTTATGGTACTGTTCAAAGGA
 CGGACCAGCCAAAGACGGGTGCTCCTGTGGCCACTAACACCAGAGTCGAGAGGTGGAA
 ATGAGCACCCGGGACCGATTCCAGCTCACTGGGATCCCGCAAAGGGAGCTGCTCCTTG
 GTGATCAGAGACGCGCAGAGGGAGGATGAGGCATGGTACTTCTTTTCGGGTGGAGAGGA
 AGCCGTGTGAGACATAGTTTCTGAGCAATGCGTTCTTTCTAAAAGTAACAGCCCTGACT
 AAGAAGCCTGATGTCTACATCCCCGAGACCCTGGAGCCCGGGCAGCCGGTACCGTTCATC
 TGTGTGTTAACTGGGCTTTCAAGAAATGTCCAGCCCCTTCTTTCTCCTGGACGGGGCT
 GCCCTCTCCCCTAGAAGAACCAGACCAAGCACCTCCCCTTCTCAGTGTCTCAGTTCACG
 CCCAGCCCCAGGACCAGACACCGACCTCACCTGCCATGTGGACTTCTCCAGAAAGGGT
 GTGAGCGCACAGAGGACCGTCCGACTCCGTGTGGCCTATGCCCCAAAGACCTTATTATC
 AGCATTTCACATGACAACACGTACGCCCTGGAACCTCCAGGGAAACGTATATATCTGGAA
 GTTCAGAAAGGCCAGTTCTGCGGCTCCTCTGTGCTGCTGACAGCCAGCCCCCTGCCACG
 CTGAGCTGGGTCTGCAGGACAGAGTCCTCTCCTCGTCCCACCCCTGGGGCCCCAGAACC
 CTGGGGCTGGAGCTGCGTGGGGTAAGGGCCGGGATTACAGGGCGTACACCTGCCGAGCG
 GAGAACAGGCTTGGTCCCAGCAGCAAGCCCTGGACCTCTCTGTGCAGTATCCTCCAGAG
 AACCTGAGAGTGTGTTTCCAAAGCAAACAGGACAGTCTGGAAAACCTCGGAAACGGC
 ACATCCCTCCCGTCTGGAGGGCCAAAGCCTGCGCCTGGTCTGTGTACCCACAGCAGC
 CCCCCAGCCAGGCTGAGCTGGACCCGGTGGGACAGACCGTGGGCCCTCCAGCCCTCA
 GACCCCGGGTCTGGAGCTGCCACCCATTCAAATGGAGCACGAAGGAGAGTTCACCTGC
 CACGCTCAGCACCTCTGGGCTCCAGCACGTCTCTCAGCCTCTCCGTGCACTACCT
 CCACAGCTGCTGGGCCCTCCTGCTCCTGGGAGGCTGAGGGTCTGCACTGCAGCTGCTCC
 TCCCAGGCCAGCCCGGCCCTCTCTGCGCTGGTGGCTTGGGGAGGAGCTGCTGGAGGGG
 AACAGCAGTCAGGGCTCCTTCGAGGTCACCCCCAGCTCAGCCGGGCCCTGGGCCAACAGC
 TCCCTGAGCTCCATGGAGGGCTCAGCTCCGGCCTCAGGCTCCGTGTAAGGCCTGGAAC
 GTCCACGGGGCCAGAGTGGCTCTGTCTCCAGCTGCTACCAGGGAAGCTGGAGCATGGG
 GGAGGACTTGGCCTGGGGCTGCCCTGGGAGCTGGCGTCTGCTGCCCTGCTCGCTTCTGT
 TCTGCTTGTGCTCTTCAAGGTGAAGATCTGCAGGAAGGAAGCTCGCAAGAGGGCAGCA
 GCTGAGCAGGACGTGCCCTCCACCTGGGACCCATCTCCCAGGGTCAACCAGCATGAATGC
 TCGGCAGGCAGCTCCCAAGACCACCCGCCCCAGGTGCAGCCACCTACCCCCGGGGAAG
 GGGGAAGAGCAGGAGCTCCACTATGCCTCCCTCAGCTTCCAGGGCCTGAGGCTCTGGGAG
 CCTGCGGACCAGGAGGCCCCAGCACCAGTACTCGGAGATCAAGATCCACACAGGA
 CAGCCCTGAGGGGCCAGGCTTGGGCTTCAATTGGAGAGGGAGATGTCAGGGATGGTT
 CCAAAGTGA

Restriction Sites: Please inquire

ACCN: NM_052884

Insert Size: 2200 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: The open reading frame of this TrueClone was fully sequenced and found to be a perfect match to the protein associated to this reference.

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_052884.1</u> , <u>NP_443116.1</u>
RefSeq Size:	3183 bp
RefSeq ORF:	2061 bp
Locus ID:	114132
UniProt ID:	<u>Q96RL6</u>
Cytogenetics:	19q13.33
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	<p>This gene encodes a member of the sialic acid-binding immunoglobulin-like lectin 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. This family member mediates anti-inflammatory and immunosuppressive signaling. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>