

Product datasheet for **SC122810**

SIGLEC9 (NM_014441) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SIGLEC9 (NM_014441) Human Untagged Clone
Tag:	Tag Free
Symbol:	SIGLEC9
Synonyms:	CD329; CDw329; FOAP-9; OBBP-LIKE; siglec-9
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_014441 edited
 CCTGAGGAACAGACGTTCCCTCGCGGCCCTGGCACCTCTAACCCAGACATGCTGCTGCT
 GCTGCTGCCCCTGCTCTGGGGGAGGGAGAGGGCGGAAGGACAGACAAGTAAACTGCTGAC
 GATGCAGAGTTCCTGACGGTGCAGGAAGGCTGTGTGCCATGTGCCCTGCTCCTTCTC
 CTACCCCTCGCATGGCTGGATTTACCCTGGCCAGTAGTTCATGGCTACTGGTCCGGGA
 AGGGGCAATACAGACCAGGATGCTCCAGTGGCCACAAACAACCCAGCTCGGGCAGTGTG
 GGAGGAGACTCGGGACCGATTCCACCTCCTTGGGGACCCACATACCGAGAATTGCACCT
 GAGCATCAGAGATGCCAGAAGAAGTGATGCGGGGAGATACTTCTTTCGTATGGAGAAAG
 AAGTATAAAATGGAATTATAAACATCACCGGCTCTCTGTGAATGTGACAGCCTTGACCCA
 CAGGCCAACATCCTCATCCCAGGCACCCTGGAGTCCGGCTGCCCCAGAATCTGACCTG
 CTCTGTGCCCTGGCCTGTGAGCAGGGGACACCCCTATGATCTCCTGGATAGGGACCTC
 CGTGTCCCCCTGGACCCCTCCACCACCCGCTCCTCGGTGCTCACCTCATCCCACAGCC
 CCAGGACCATGGCACCAGCCTCACCTGTCAGGTGACCTTCCCTGGGGCCAGCGTGACCAC
 GAAACAAGACCGTCCATCTCAACGTGTCCTACCCGCTCAGAACTGACCATGACTGTCTT
 CCAAGGAGACGGCACAGTATCCACAGTCTTGGGAAATGGCTCATCTGTCACTCCAGAG
 GGCCAGTCTCTGCGCCTGGTCTGTGCAGTTGATGCAGTTGACAGCAATCCCCCTGCCAG
 GCTGAGCCTGAGCTGGAGAGGCCTGACCCTGTGCCCTCACAGCCCTCAAACCCGGGGT
 GCTGGAGCTGCCTTGGGTGCACCTGAGGGATGAAGCTGAATTCACCTGCAGAGCTCAGAA
 CCCTCTCGGCTCTCAGCAGGTCTACCTGAACGTCTCCCTGCAGAGCAAAGCCACATCAGG
 AGTGACTCAGGGGGTGGTCGGGGGAGCTGGAGCCACAGCCCTGGTCTTCTGTCTTCTG
 CGTCATCTTCTGTGTAGTGAGGTCTGCAGGAAGAAATCGGCAAGGCCAGCAGCGGGCGT
 GGGAGATACGGGCATAGAGGATGCAAACGCTGTGAGGGTTTCAGCCTCTCAGGGGCCCT
 GACTGAACCTTGGGCAGAAGACAGTCCCCAGACCAGCCTCCCCAGTCTCTGCCCGCTC
 CTAGTGGGGGAAGGAGAGCTCCAGTATGCATCCCTCAGCTTCCAGATGGTGAAGCCTTG
 GGACTCGCGGGGACAGGAGGCCACTGACACCGAGTACTCGGAGATCAAGATCCACAGATG
 AGAAACTGCAGAGACTCACCTGATTGAGGGATCACAGCCCTCCAGGCAAGGGAGAAGT
 CAGAGGCTGATTCTGTAGAATTAACAGCCCTCAACGTGATGAGCTATGATAACTATG
 AATTATGTGCAGAGTAAAAGCACACAGGCTTTAGAGTCAAAGTATCTCAAACCTGAATC
 CACTGTGCCCTCCCTTTTATTTTTTAACTAAAAGACAGACAAATTCCTAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for NM_014441 unedited
 GGTCAAAATTGTAACGACTCATATAGGGCGGCCGCGATTGATCTGGTACCGGTCCGG
 AATTCCCGGGATCCTGAGGAACAGACGTTCCCTCGCGGCCCTGGCACCTTAACCCAGAG
 CATGCTGCTGCTGCTGCTGCCCCGTCTGGGGGAGGGAGAGGGCGGAAGGACAGACAAG
 TAAACTGCTGACGATGCAGAGTCCGTGACGGTGCAGGAAGGCCCTGTGTCCATGTGCC
 CTGCTCTTCTCCTACCCCTCGCATGGCTGGATTTACCCTGGCCAGTAGTTCATGGCTA
 CTGGTTCCGGGAAGGGCCAATACAGACCAGGATGCTCCAGTGGCCACAAACAACCCAGC
 TCGGGCAGTGTGGGAGGAGACTCGGGACCGATTCCACCTCCTTGGGGACCCACATACCGA
 GAATTGCACCCTGAGCATCAGAGATGCCAGAAGAAGTGATGCGGGGAGATACTTCTTTCG
 TATGGAGAAAGGAAGTATAAAATGGAATTATAAACATCACCGGCTCTCTGTGAATGTGAC
 AGCCTTGACCCACAGGCCAACATCCTCATCCCAGGCACCCTGGAGTCCGGCTGCCCCCA
 GAATCTGACCTGCTCTGTGCCCTGGCCTGTGAGCAGGGGACACCCNCTATGATCTCCTG
 GATAGGGACCTCCGTGTCCCCCTGGACCCCTCCACCACCCGCTCCTCGGTGCTCACCT
 CATCCCACAGCCCAGGACCATGGCACCAGCCTCACCTGTCAGGTGACCTTCCCTGGGGC
 CAGCGTGACCACGAACAAGACCGTCCATCTCAACGTGTCCTACCCGCTCAGAACTTGAC
 CATGACTGTCTTCCAGGGAGACNGCACAGTATCCACAGTCTTGGGGAATGGCTCATCTCT
 GTCACCTCCAGAGGCCAGTCTCTGCGCCTGGTCTGTGCAGNTGATGCANTT

Restriction Sites: Please inquire
ACCN: NM_014441

Insert Size:	1707 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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. More info</p>
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:	NM_014441.1 , NP_055256.1
RefSeq Size:	1709 bp
RefSeq ORF:	1392 bp
Locus ID:	27180
UniProt ID:	Q9Y336
Cytogenetics:	19q13.41
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	<p>Putative adhesion molecule that mediates sialic-acid dependent binding to cells. Preferentially binds to alpha-2,3- or alpha-2,6-linked sialic acid. The sialic acid recognition site may be masked by cis interactions with sialic acids on the same cell surface.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) includes an alternate 3' terminal coding exon, compared to variant 1. The resulting protein (isoform 2) is shorter and has a distinct C-terminus, compared to isoform 1.</p>