

Product datasheet for **SC323880**

CLEC18A (NM_182619) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CLEC18A (NM_182619) Human Untagged Clone
Tag:	Tag Free
Symbol:	CLEC18A
Synonyms:	MRCL; MRCL1; MRLP2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_182619.1
 TTTTCCTCGTGCAGCCAGCCTGACTCCTGGAGATTGTGAATAGCTCCATCCAGCCTGAG
 AAACAAGCCGGGTGGCTGAGCCAGGCTGTGCACGGAGCGCCTGACGGGCCAACAGACCC
 ATGCTGCATCCAGAGACCTCCCCGGCCGGGGCATCTCCTGGCTGTGCTCCTGGCCCTC
 CTTGGCACCCTGGGCAGAGGTGTGGCCACCCAGCTGCAGGAGCAGGCTCCGATGGCC
 GGAGCCCTGAACAGGAAGGAGAGTTTCTTGCTCCTCTCCCTGCACAACCCCTGCGCAGC
 TGGTCCAGCCCTGCGGCTGACATGGGAGGCTGGACTGGAGTGACAGCCTGGCCAG
 CTGGCTCAAGCCAGGGCAGCCCTCTGTGAACCCCAACCCGAGCCTGGCGTCCGGCCTG
 TGGCGCACCTGCAAGTGGGCTGGAACATGCAGCTGCTACCCGCGGGCTTGGTGTCTTT
 GTCGAAGTGGTACGCTATGGTTTGAGAGGGGACGCGTACAGCCACGCGGCAGGAGAG
 TGTGCTCGCAACGCCACCTGCACCCACTACACGCAGCTCGTGTGGCCACCTCAAGCCAG
 CTGGGCTGTGGGCGGCACCTGTGCTCTGCAGGCCAGGCAGCGATAGAAGCCTTTGTCTGT
 GCCTACTCCCCAGAGGCAACTGGGAGGTCAACGGGAAGACAATCGTCCCCTATAAGAAG
 GGTGCCTGGTGTTCGCTCTGCACAGCCAGTGTCTCAGGCTGCTTCAAAGCCTGGGACCAT
 GCAGGGGGGCTCTGTGAGGTCCCAGGAATCCTTGTGCGATGAGCTGCCAGAACCATGGA
 CGTCTCAACATCAGCACCTGCCACTGCCACTGTCCCCTGGCTACACGGGCAGATACTGC
 CAAGTGAGGTGCAGCCTGCAGTGTGTGCACGGCCGGCTCCGGGAGGAGGAGTGTCTGTGC
 GTCTGTGACATCGGCTACGGGGGAGCCAGTGTGCCACCAAGGTGCATTTTCCCTTCCAC
 ACCTGTGACCTGAGGATCGACGGAGACTGCTTCATGGTGTCTTACAGAGGCAGACACCTAT
 TACAGAGCCAGGATGAAATGTCAGAGGAAAGGCGGGGTGCTGGCCAGATCAAGAGCCAG
 AAAGTGCAGGACATCCTCGCCTTCTATCTGGGCGCCTGGAGACCACCAACGAGGTGATT
 GACAGTGACTTCGAGACCAGGAACTTCTGGATCGGGCTCACCTACAAGACCGCCAAGGAC
 TCCTTCCGCTGGGCCACAGGGGAGCACCAGGCCTTACCAGTTTTGCCTTTGGGCAGCCT
 GACAACCACGGGTTTGGCAACTGCGTGGAGCTGCAGGCTTACAGCTGCCTTCAACTGGAAC
 AACCCAGCCTGCAAAACCCGAAACCGTTACATCTGCCAGTTTGGCCAGGAGCACATCTCC
 CGGTGGGGCCAGGGTCTGAGGCCTGACCACATGGCTCCCTCGCCTGCCCTGGGAGCAC
 CGGCTCTGCTTACCTGTCCGCCACCTGTCTGGAACAAGGGCCAGGTTAAGACCACATGC
 CTCATGTCCAAGAGGTCTCAGACCTTGCACAATGCCAGAAGTTGGGCAGAGAGAGGCAG
 GGAGGCCAGTGAGGGCCAGGAGTGAGTGTAGAGAAGCTGGGGCCCTTCGCTGCTTT
 TGATTGGGAAGATGGGCTTCAATTAGATGGCAAAGGAGAGACACCGCCAGTGGTCCAAA
 AAGGCTGCTCTTCCACCTGGCCAGACCCTGTGGGGCAGCGGAGCTTCCCTGTGGCAT
 GAACCCACAGGGTATTAATTATGAATCAGCTGAAAAAAAAAAAAAAAAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: ECoRI-NOT

ACCN: NM_182619

OTI Disclaimer: 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.

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](#)

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_182619.1</u> , <u>NP_872425.1</u>
RefSeq Size:	1989 bp
RefSeq ORF:	1341 bp
Locus ID:	348174
UniProt ID:	<u>A5D8T8</u>
Cytogenetics:	16q22.1
Gene Summary:	<p>This is one of three closely related paralogous genes on chromosome 16 encoding secreted proteins containing C-type lectin domains. These domains bind to carbohydrates in the presence of calcium, and may be involved in cell adhesion, immune response and apoptosis. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Sep 2012]</p> <p>Transcript Variant: This variant (1) represents the longest transcript. Variants 1, 2, and 3 encode the same protein.</p>