

Product datasheet for **SC123330**

CLEC18C (NM_173619) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CLEC18C (NM_173619) Human Untagged Clone
Tag:	Tag Free
Symbol:	CLEC18C
Synonyms:	MRCL; MRCL3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_173619 edited
TCTGCCTGCTGTCGGGGCGGGCTGGCCAGGCCGAGGCCGGAGCAGGCAGGCATCCCCCG
GAGTTGTCTCTTTTCATGCCAGCGTCAACAGGAGGCTGTCTGGACACACTGATTACTCAC
TCACCAGCCTCCCTCTTTTGTCCACCAGCCAGCCTGACTCCTGGAGATTGTGAATAGCT
CCATCCAGCCTGAGAAACAAGCCGGGTGGCTGAGCCAGGCTGTGCACGGAGTGCCTGACG
GGCCCAACAGACCCATGCTGCATCCAGAGACCTCCCTGGCCGGGGGCATCTCCTGGCTG
TGCTCCTGGCCCTCCTTGGCACCCTGGGCAGAGGTGTGGCCACCCAGCTGCAGGAGC
AGGCTCCGATGGCCGGAGCCCTGAACAGGAAGGAGAGTTTCTTGCTCCTCCTGCACA
ACCGCCTGCGCAGCTGGTCCAGCCCCGCGGCTGACAGGCGGAGGCTGGACTGGAGTG
ACAGCCTGGCCCAACTGGCTCAAGCCAGGCAGCCCTCTGTGGAATCCCAACCCGAGCC
TGGCGTCCGGCCTGTGGCGCACCTGCAAGTGGGCTGGAACATGCAGCTGCTGCCCGGG
GCTTGGCGTCTTTGTTGAAGTGGTCAAGCCTATGGTTTGCAGAGGGGAGCGGTACAGCC
ACGCGGCAGGAGAGTGTGCTCGCAACGCCACCTGCACCCACTACACGCAGCTCGTGTGGG
CCACCTCAAGCCAGCTGGGCTGTGGGCGGCACCTGTGCTCTGCAGGCCAGGCAGCGATAG
AAGCCTTTGTCTGTGCCTACTCCCCAGAGGCAACTGGGAGGTCAACGGGAAGACAATCG
TCCCCTATAAGAAGGGTGCCTGGTGTTCGCTCTGCACAGCCAGTGTCTCAGGCTGCTTCA
AAGCCTGGGACCATGCAGGGGGCTCTGTGAGTCCCCAGGAATCCTTGTGCGATGAGCT
GCCAGAACCATGGACGTCTCAACATCAGCACCTGCCACTGCCACTGTCCCCTGGCTACA
CGGGCAGATACTGCCAAGTGAGGTGCAGCCTGCAGTGTGTGCGACGGCCGGTCCGGGAGG
AGGAGTGTCTCGTGCCTGTGACATCGGCTACGGGGGAGCCAGTGTGCCACCAAGGTGC
ATTTTCCCTTCCACACCTGTGACCTGAGGATCGACGGAGACTGCTTCATGGTGTCTTCAG
AGGCAGACACCTATTACAGAGCCAGGATGAAATGTGAGGTGACAGTACCCCTAGCTTCC
TAGGAACCCCTAGGGCCTCAAGTGAAGGTCTTAATGCAGGGACCCTGGAGTGAGAGGTG
GTTCTTCCACGTCTCTGACCTCACCTATTATCAGCATAAAGCAGGGGTCGTGGACTC
CAAGGCTCATAGAAGCCAGGAGGTCACTTATTGACCTGAGGGGCAAGGTCAAGACCAAC
CTCCATTAAGGGAGTTCAGCCACTGGTTGCCTTGCAGGAATGCAAGGTGAGGGTGGCC
AGAGCTCGGGTGTTCAGAAAACAGCAACCCAGACTTCCACTGGCAACTCTCGAAAC



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CACAATTAATTACTGGGGTTGGCAATCAACTTGGATATATTTAAGACACTGTGCAGGTGA
AACAGAACCTCCTCAGGGGCCAGACCTTGCCTGGGCTTGTGGGCTGCTGGTCGCGCCCC
GTGCACAGGGAGAAGAGAAGCAGACGGGAGCAGAAGGGACCCCTGCTCTTGAAGGGAGG
CTGTGCGGGCTGGGGGTGATGATAGCCCGCCAGCACACACAGTGGCATCTTAGGCCAT
GGGCAGGGGTGGCAGGAAGGGGCAGCCTGGGCTCTGGGAGCCTTGCTGTGTGACCCAGG
GTGGGGTTACAGAGGAAAGGCGGGGTGCTGGCCAGATCAAGAGCCAGAAAGTGCAGGAC
ATCCTCGCCTTCTATCTGGGCCGCTGGAGACCACCAACGAGGTGATTGACAGTGACTTC
GAGACCAGGAACCTTCTGGATCGGTGAGTGCCAGCTGATTGGGGGTATGGCGAGTAAGGG
GTTGTGATGCCCCACCCTGCTGCAGGAACCCTGGGCCATGGCGGCTGCCAGCAGATGGCA
AGGGTGTGTTGAGGGCCTGGAGCCAGAGCGGGGCCAGCTGCTCACCCCTTTCCCGGA
AGGGCCAGGTAGGGAGCACATGGGGCTGCCAGCGTGGGAAGAGGGGCCAGAAAGGCA
GCTGGCAGCAGACTCCAGGGTCTGAGTGGGCCAACCTTGACTACCCCGGCCAGGGCTCA
CCTACAAGACCGCAAGGACTCCTTCCGCTGGGCCACAGGGGAGCACCAGGCCTCACCA
GTTTTGCCTTTGGGCAGCCTGACAACCACGGGTTTGGCAACTGCGTGGAGCTGCAGGCTT
CAGCTGCCTTCAACTGGAACAACCAGCGCTGAAAACCCGAAACCGTTACATCTGCCAGT
TTGCCCAGGAGCAGATCTCCCGGTGGGGCCAGGGTCTGAGGCCTGACCACATGGCTCC
CTCGCCTGCCCTGGGAGCACCGGCTCTGCTTACCTGTCCGCCACCTGTCTGGAACAAGG
GCCAGGTTAAGACCACATGCCTCATGTCCAAGAGGTCTCAGACCTTGCACAATGCCAGA
AGTTGGGCAGAGAGAGGCAGGGAGGCCAGTGAGGGCCAGGGAGTGAGTGTTAGAAGAAGC
TGGGGCCCTTCGCTGCTTTTATTGGGAAGATGGGCTTCAATTAGATGGCAAAGGAGAG
GACACCGCCAGTGGTCCAAAAGGCTGCTCTTCCACCTGGCCAGACCCTGTGGGGCA
GCGGAGCTTCCCTGTGGCATGAACCCACAGGGTATTAATTATGAATCAGCTGAAAAAA
AA
AA
AAAAAA

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_173619 unedited
GNCCGGCCGCGNAATCCCGGATTCTGCCTGCTGTTGGGGGCGGGCTGGCCAGGCCGAG
GCCGGAGCATGCAGGCATCCCCGGAGTTGTCTTTTTTCATGCCAGCGTCAACAGGAGGC
TGCTGGACACACTGATTACTCACTACCAGCCTCCCTCTTTTGTCCACCAGCCAGCCT
GACTCCTGGAGATTGTGAATAGCTCCATCCAGCCTGAGAAACAAGCCGGGTGGCTGAGCC
AGGCTGTGCACGGAGTGCTGACGGGCCAACAGACCCATGCTGCATCCAGAGACCTCCC
CTGGCCGGGGGCATCTCCTGGCTGTGCTCCTGGCCCTCCTTGGCACCGCCTGGGCAGAGG
TGTGGCCACCCAGCTGCAGGAGCAGGCTCCGATGGCCGGAGCCCTGAACAGGAAGGAGA
GTTTCTTGCTCCTCTCCCTGCACAACCGCCTGCGCAGCTGGGTCCAGCCCCTGCGGCTG
ACAGGCGGAGGCTGGACTGGAGTGACAGCCTGGCCCAACTGGCTCAAGCCAGGGCAGCCC
TCTGTGGAATCCCAACCCGAGCCTGGCGTCCGGCCTGTGGCGCACCTGCAAGTGGGCT
GGAACATGCAGCTGCTGCCCGCGGGCTTGGCGTCTTTTGTGAAGTGGTCAGCCTATGGT
TTGCAGAGGGGCAGCGGTACAGCCACGCGCATGAGAGTGTGCTCGCAACGCCACCTGCA
CCCACTACACGCAGCTCGTGTGGGCCACCTCAAGCCAGCTGGGCTGTGGGCGGCACCTGT
GCTCTGCAGGCCATGCAGCGATAGAAGCCTTTGTCTGTGCTACTCCCCATATGCACTG
GGATGTCAACGGGAAGACATCC

Restriction Sites:

Please inquire

ACCN:

NM_173619

Insert Size:

3006 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).

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_173619.2</u> , <u>NP_775890.2</u>
RefSeq Size:	2100 bp
RefSeq ORF:	1341 bp
Locus ID:	283971
UniProt ID:	<u>Q8NCF0</u>
Cytogenetics:	16q22.1
Gene Summary:	Binds polysaccharides in a Ca ²⁺ -independent manner with a preferential binding to fucoidan, beta-glucans and galactans.[UniProtKB/Swiss-Prot Function]