

Product datasheet for **RC209903**

CLEC18A (NM_182619) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CLEC18A (NM_182619) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	CLEC18A
Synonyms:	MRCL; MRCL1; MRLP2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC209903 representing NM_182619
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGCATCCAGAGACCTCCCCTGGCCGGGGCATCTCCTGGCTGTGCTCCTGGCCCTCCTTGGCACCC
 CCTGGGCAGAGGTGTGGCCACCCAGCTGCAGGAGCAGGCTCCGATGGCCGGAGCCCTGAACAGGAAGGA
 GAGTTTCTTGCTCCTCTCCCTGCACAACCCGCTGCGCAGCTGGGTCCAGCCCCCTGCGGCTGACATGCGG
 AGGCTGGACTGGAGTGACAGCCTGGCCAGCTGGCTCAAGCCAGGGCAGCCCTCTGTGGAACCCCAACC
 CGAGCCTGGCGTCCGGCCTGTGGCGCACCTGCAAGTGGGCTGGAACATGCAGCTGCTACCCGCGGGCTT
 GGTGTCTTTGTGAAGTGGTCAGCCTATGTTTGCAGAGGGGCAGCGGTACAGCCACGCGGCAGGAGAG
 TGTGCTCGCAACGCCACCTGCACCCACTACACGCAGCTCGTGTGGCCACCTCAAGCCAGCTGGGCTGTG
 GCGGCACCTGTGCTCTGCAGGCCAGGCAGCGATAGAAGCCTTTGTCTGTGCCTACTCCCCAGAGGCAA
 CTGGGAGGTCAACGGGAAGACAATCGTCCCCTATAAGAAGGGTGCCTGGTGTTCGCTCTGCACAGCCAGT
 GTCTCAGGCTGCTTCAAAGCCTGGGACCATGCAGGGGGGCTCTGTGAGGTCCCCAGGAATCCTTGTGCGA
 TGAGCTGCCAGAACCATGGACGTCTCAACATCAGCACCTGCCACTGCCACTGTCCCCCTGGCTACACGGG
 CAGATACTGCCAAGTGAGGTGCAGCCTGCAGTGTGTGCACGGCCGGTTCCGGGAGGAGGAGTGTCTGTG
 GTCTGTGACATCGGCTACGGGGGAGCCAGTGTGCCACCAAGGTGCATTTTCCCTTCCACACCTGTGACC
 TGAGGATCGACGGAGACTGCTTCATGGTGTCTTCAGAGGCAGACACCTATTACAGAGCCAGGATGAAATG
 TCAGAGGAAAGGCGGGTGTGGCCAGATCAAGAGCCAGAAAGTGCAGGACATCCTCGCCTTCTATCTG
 GGCCGCTGGAGACCACCAACGAGGTGATTGACAGTGACTTCGAGACCAGAACTTCTGGATCGGGCTCA
 CCTACAAGACCGCAAGGACTCCTTCCGCTGGGCCACAGGGGAGCACAGGCCTTACCAGTTTTCGCTT
 TGGGCAGCCTGACAACCCAGGGTTTGGCAACTGCGTGGAGCTGCAGGCTTCAGCTGCCTTCAACTGGAAC
 GACCAGCCTGCAAAACCCGAAACCGTTACATCTGCCAGTTTGCCAGGAGCACATCTCCCGGTGGGGCC
 CAGGGTCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC209903 representing NM_182619
 Red=Cloning site Green=Tags(s)

MLHPETSPGRGHLLAVLLALLGTAWAEVWPPQLQEAPMAGALNRKESFLLL SLHNRLRSWVQPPAADMR
 RLDWSDSLAQLAARAALCGTPTPSLASGLWRTLQVGNMQLLPAGLVSFVEVSLWFAEQRYSHAAGE
 CARNATCTHYTQLVWATSSQLGCGRHLCSAGQAAIEAFVCAYSRGNWEVNGKTI VPKKGAWCSLCTAS
 VSGCFKAWDHAGGLCEVPRNPCRMSQNHGRLNISTCHCHCPPGYTGRYCQVRCSLQCVHGRFREEECSC
 VCDIGYGGAQCATKVHFPFHTCDLRIDGDCFVMSSEADTYRARMKCQRKGGVLAQIKSQKVQDILAFYL
 GRLETTNEVIDSDFETRNFWIGLTYKTAKDSFRWATGEHQAFTSFAFGQPDNHGFGNCVELQASAAFNWN
 DQRCKTRNRYICQFAQEHI SRWGP GS

TRTRPLEQ**KL**ISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/ja2132_g09.zip

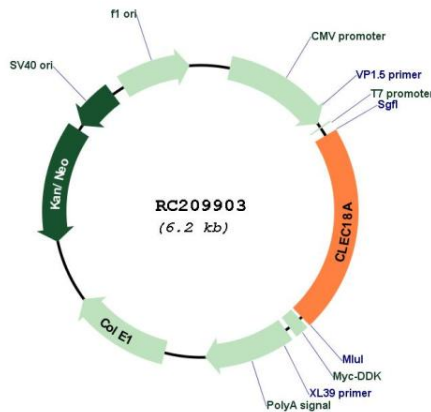
Restriction Sites:

SgfI-MluI

RefSeq: [NM_182619.4](#)
RefSeq Size: 2321 bp
RefSeq ORF: 1341 bp
Locus ID: 348174
UniProt ID: [A5D8T8](#)
Cytogenetics: 16q22.1
MW: 50.1 kDa

Gene Summary: 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]

Product images:



Circular map for RC209903