

Product datasheet for **SC330930**

CLEC18A (NM_001271197) Human Untagged Clone

Product data:

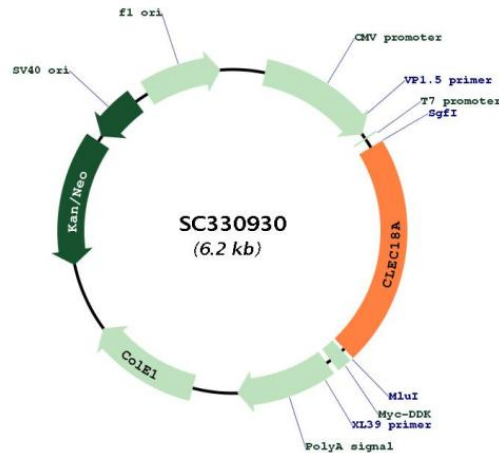
Product Type: Expression Plasmids
Product Name: CLEC18A (NM_001271197) Human Untagged Clone
Tag: Tag Free
Symbol: CLEC18A
Synonyms: MRCL; MRCL1; MRLP2
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC330930 representing NM_001271197.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGCTGCATCCAGAGACCTCCCCTGGCCGGGGGCATCTCCTGGCTGTGCTCCTGGCCCTCCTTGGCACC
GCCTGGGCAGAGGTGTGGCCACCCAGCTGCAGGAGCAGGCTCCGATGGCCGGAGCCCTGAACAGGAAG
GAGAGTTTCTTGCTCCTCTCCCTGCACAACCGCTGCGCAGCTGGGTCCAGCCCCCTGCGGCTGACATG
CGGAGGCTGGACTGGAGTGACAGCCTGGCCAGCTGGCTCAAGCCAGGGCAGCCCTCTGTGGAACCCCA
ACCCGAGCCTGGCGTCCGGCTGTGGCGACCCTGCAAGTGGGCTGGAACATGCAGCTGCTACCCGCG
GGCTTGGTGTCTTTGTGCAAGTGGTCAGCCTATGGTTTGCAGAGGGGCAGCGGTACAGCCACGGGCA
GGAGAGTGTGCTCGCAACGCCACCTGCACCCACTACACGCAGCTCGTGTGGGCCACCTCAAGCCAGCTG
GGCTGTGGGCGGCACCTGTGCTCTGCAGGCCAGGCAGCGATAGAAGCCTTTGTCTGTGCCTACTCCCC
AGAGGCAACTGGGAGGTCAACGGGAAGACAATCGTCCCCTATAAGAAGGGTGCCTGGTGTTCGCTCTGC
ACAGCCAGTGTCTCAGGCTGCTCAAAGCCTGGGACCATGCAGGGGGGCTCTGTGAGGTCCCAGGAAT
CCTTGTGCGATGAGCTGCCAGAACCATGGACGTCTCAACATCAGCACCTGCCACTGCCACTGTCCCCCT
GGCTACACGGGCAGATACTGCCAAGTGAGGTGCAGCCTGCAGTGTGTGCACGGCCGGTCCGGGAGGAG
GAGTGTCTCGTGCCTGTGACATCGGCTACGGGGGAGCCAGTGTGCCACCAAGGTGCATTTTCCCTTC
CACACCTGTGACCTGAGGATCGACGGAGACTGCTTCATGGTGTCTTCAGAGGCAGACACCTATTACAGA
GCCAGGATGAAATGTGAGAGAAAAGCGGGGTGCTGGCCAGATCAAGAGCCAGAAAAGTGCAGGACATC
CTCGCCTTCTATCTGGGCGCCTGGAGACCACCAACGAGGTGATTGACAGTGACTTCGAGACCAGGAAC
TTCTGGATCGGGCTCACCTACAAGACCGCAAGGACTCCTTCCGCTGGGCCACAGGGGAGCACCAGGCC
TTCACCAGTTTGCCTTTGGGCAGCCTGACAACCACGGGTTTGGCAACTGCGTGGAGCTGCAGGCTTCA
GCTGCCTTCAACTGGAACGACCAGCGCTGCAAAACCCGAAACCGTTACATCTGCCAGTTTGGCCAGGAG
CACATCTCCCGTGGGGCCAGGTCC TGA
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Restriction Sites: SgfI-MluI



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Plasmid Map:


ACCN: NM_001271197

Insert Size: 1341 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:

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_001271197.1](#)

RefSeq Size: 2295 bp

RefSeq ORF: 1341 bp

Locus ID: 348174

UniProt ID: [A5D8T8](#)

Cytogenetics: 16q22.1

MW: 49.6 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]
Transcript Variant: This variant (3) differs in the 5' UTR, compared to variant 1. Variants 1, 2, and 3 encode the same protein.