

Product datasheet for **SC336793**

RMC1 (NM_001276342) Human Untagged Clone

Product data:

| | |
|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | RMC1 (NM_001276342) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | RMC1 |
| Synonyms: | C18orf8; HsT2591; Mic-1; MIC1; WDR98 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



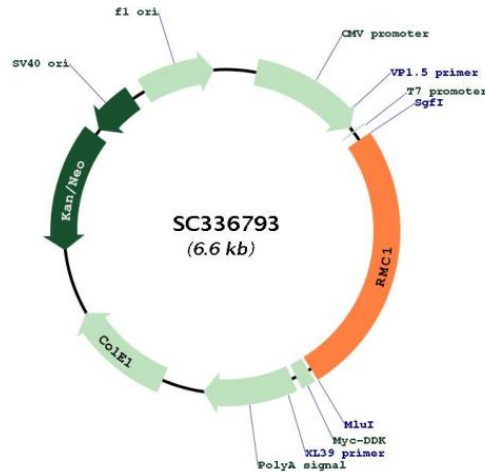
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Fully Sequenced ORF: >SC336793 representing NM_001276342.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGATCGCC
ATGGGCGAGGAGGACTACTATCTGGAGCTGTGCGAGCGGCCGGTGCAGTTCGAGAAGGCCAACCTGTC
AACTGCGTCTTCTTCGATGAGGCCAACAGCAGGTTTTTGTCTGATCTGGTGGAGCTACTGGCGTG
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TCAAACAGATTTTTGGAGACCAAGCTTAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: Sgfl-Mlul

Plasmid Map:


ACCN: NM_001276342

Insert Size: 1686 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_001276342.1](#)

RefSeq Size: 1958 bp

RefSeq ORF: 1686 bp

Locus ID: 29919

Cytogenetics: 18q11.2

MW: 63.7 kDa

Gene Summary:

This gene encodes a colon cancer associated protein. [provided by RefSeq, Jan 2013]

Transcript Variant: This variant (2) lacks two alternate in-frame exons in the 5' coding region and uses an alternate splice site in the 3' coding region, which results in a frameshift compared to variant 1. The encoded isoform (2) is shorter and has a distinct C-terminus, compared to isoform 1.