

## Product datasheet for **SC337565**

### **RNF190 (MARCH10) (NM\_001288779) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	RNF190 (MARCH10) (NM_001288779) Human Untagged Clone
Tag:	Tag Free
Symbol:	RNF190
Synonyms:	MARCH-X; MARCH10; RNF190
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_001288779, the custom clone sequence may differ by one or more nucleotides

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ATGTTGCATGACGCAAGGGACAGGCAGAAGTTCCTCAGCGATGTTCAAGTATCTCGGGACATGCAGCATA
AGGTGGACTCTGAGTATCAGGCTTGTCTGAGACGACAGGAATATAGAAGAGACCCAAATGAGAAGAAACG
CGATCAGTTTTGGGGCAAGAGACAAGTTTTGAGAGATCCCGTTTTCTAGCAGGTCATCTTCCAAACAG
AGTTCTAGTGAGGAGGATGCTCTAACTGAACCAAGGTCATCTATCAAGATATCTGCATTTAAGTGTGACT
CCAAACTTCCAGCAATTGACCAAACATCAGTCAAGCAGAAACATAAAAAGTACCATGACTGTAAGGAAAGC
AGAGAAAGTGGACCCAGCGAACCTCTCCAGCAGAGTCAGAGCCGACTTGGTGAATAAACCGGAAACA
GACCTCGGAGGACCTTCTGGCTGGTGCAGTCTGGGGAAGAAAGTCCCATGAGCAGAAGCATCCCTCCCT
GTGAAGCAGACCAAGCACAATGGTTTTTAAGAAAGAGGAAGCCAAACCTGAGGAGATTTACAGTCAG
CCCAGAATCGCACAGCCGAGAGCATCTGGGGACAGAAGCAGACAGAAACAGCAGTGGCCTGCAAAGGTG
CCGTTCCAGGGGAGCAGATCAAGTAGTCAACAAGAAGGCCTGATGTGAACACTAAGCTGAAGAGGC
CAAATCAAGAGAGAAGAACTTGGTCCCATCGTCACAGCCAATGACTGAGAACGCCCTGATAGAGCCAA
AAAAGGAGACCCGAGTGCCTTCCAGAGTGAAGTGCATCCAGCCCTGTCCAGGCCTTCAAGGAAAA
AATAGTCTCAAGTATTGAGTGAGTTCTCGGGGCCACCACTCACACCCACCACTGTAGGAGGGCCAAAGAA
AGGCATCATTTAGGTTCCGAGATGAAGACTTTTATTCCATTTTGTATTGAACAGCAGAAGAGAAAGCGA
TGACACTGAAGAGGAAACCCAGTCTGAAGAATGTCTGTGGGTTGGTGTGCGCTCACCCCTGTTCTCCTTCC
CATCAGAAAAGAGTAGATTTGGGGGACATCGACCCCTCAGGCCAAAAATAAAAATTTTGAAGAAAATG
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AATGGAGCCAGCAACAGAGCGGCCTTCTGCTGGGCAAAGTTGTCCCAAGACCCCGGGCTGCCTGATAGG
GAATCTGCTACAGAGAAGGACAGAGTGGCAGTGAAAATGCGAAAAAGAGCCCTTTTCGTGGGACACCA
AATCCGAGCCCAAGACAAGAGTTGGTGTCAATGCTGAAAATGTATGGAGTGATTGATTTCTGTGGAACA
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TCATGCATTCTGCTCTGAGAGATGATATCCAGTAGACTTGTCAATGTCATCGACTTCAGTTCACAGCTC
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GCCAGTCCGAAAACCATAATTATTTCCAGTAAACAGTGCACACGAATTTGCTGTCAGGGAAGCAGAAG
ATACTACTTTAACAGCCAGCCTCAGGGGGCTCCACTATACAGATCTTTACTAAATCCACAGGGCAA
TTTGTCTTAGTGGATTCTTCCAGCTCCTCCATCAAGAATGAACTCAGAAGGCCATTTGCATGTGTCT
GGGTCTCTGCAAGAAAATACACCATTTACTTTCTTTCAGTGTCTCATTCCCAAATCAAAATGATAATG
GGAGCAGGATGGCAGCCTCTGGTTTCACAGATGAAAAGGAAACCAGTAAGATAAAGGCAGACCCTGAGAA
ACTCAAGAAATTGCAAGAAAGTCTCCTGGAGGAGGACTCCGAGGAGGAGGGAGACTTGTGTGCGATCTGT
CAGATAGCCGGGGTTCCCAAGCAACCCCTCCTGGAGCCTTGGCGCTGTGTGGGAAGCCTGCAGTTTG
TTCATCAAGAGTGCTGAAAAAGTGGCTGAAAAGTAAAATAACATCAGGAGCAGATCTTGGTGCCGTGAA
GACCTGTGAGATGTGAAGCAAGGCCTGCTGGTTGACCTGGGTGACTTTAACATGATTGAGTTCTACCAG
AAGCACCAGCAATCTCAGGCACAAAACGAGCTGATGAATTCAGGCTTGTACCTGGTGTGCTGCTTACC
TCTATGAGCAGAGTTTTGCAGAACTCATGAGGCTCAACCACAACCAGGTGAAAGAGAGAGGTTGTCAAG
AAATTACCCACAACCCAGAACAGAGGAAAAATGAAAATTCGGAGTTGGGAGATGAAATGAAGGCAGCATT
TCTCAAAGCCAGGTCGTAG
    
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**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001288779

**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).

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001288779.1, NP_001275708.1</u>
<b>RefSeq Size:</b>	3268 bp
<b>RefSeq ORF:</b>	2541 bp
<b>Locus ID:</b>	162333
<b>UniProt ID:</b>	<u>Q8NA82</u>
<b>Cytogenetics:</b>	17q23.2
<b>Gene Summary:</b>	<p>MARCH10 is a member of the MARCH family of membrane-bound E3 ubiquitin ligases (EC 6.3.2.19). MARCH enzymes add ubiquitin (see MIM 191339) to target lysines in substrate proteins, thereby signaling their vesicular transport between membrane compartments (Morokuma et al., 2007 [PubMed 17604280]).[supplied by OMIM, Apr 2010]</p> <p>Transcript Variant: This variant (3) encodes the longest isoform (2).</p>