

Product datasheet for **RN205848**

March10 (NM_001013973) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	March10 (NM_001013973) Rat Untagged Clone
Tag:	Tag Free
Symbol:	March10
Synonyms:	MARCH-X; RGD1311692; Rnf190
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN205848 representing NM_001013973
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTGCATGAAGCAAGGGACAGGCAGAAAGTTCGTGACGACGTTTCAGTATCTACGGGACATGCAGCATA
 AGGTGGACTCAGAATATCAGGCTTGTGTTGAAACGACAGGAACACAAAGAAAGAACCAACGAGAAGAGCA
 GGAGCAGCTGTGGGGAAAGACACAAGTACAGGTCCCGTTCTCAAGCGGGTCTGCTGCAAAACAGAGT
 TCCGGTGAGGAGGATTCCCTAAGCGAAGCAAGATTAGCTACCAAAGCACCTACAGCTAAGTGTGAGCCCA
 AACTTCCAGCCATTGATCAAACATCTGTCAAGCAGAAACCAAAGGCACCATGACACTAAAGAAGCCAGA
 GAAAGTGAGCCCCAGCAAACCTCTGCAGTGGCACAAGCAACAAAGATTTTATCAAGGAAGAGGAGACCA
 AACCTGGGAGGTTGACAGTGAAGCCAGAAATGCACAGCCCAAGACTATCTGGGGAGAGAAGCAGGCAGA
 AAGCACAGCTGTCCAAAGACATCAGGACTCCTGGGAGCAGACCCCGTTGTCCAACAAGACAGTCTGCT
 GAGTGAATGAGATGAAGCTAAAGAGGCCAGCTCGAGAGAAAAGAACTTAGCCCCATCCTCACAGCTC
 GTGAGAGTGGCCGGGAAAGCCCCCTCGAGAGACAGAAAAAGGAGACCCAGTGCCTCGTCCCAAGAACG
 AGCCCCACACTGCCCTCTCGCAGACCTCCAGCCAATGAGTGGTTCTCAAGTGTGACTGAGTCCCTCGGT
 GCCTCCATTCTCCCGCCACCCTGGTAGGACCAAGAAGGGCACCGTTTAGGTTCCACGACGAAAGATTTT
 TATTCTGCATTATCATTAAACAATGAACAAGAGAACTATGACACGGAAGAGGAGACTCGCACGGAAGAGG
 AGCTCTGCTGGTGGGATGCGCTCTCTCCAGCTACAAAAGAGCCGTTTCTTGGGACATCAGCTGC
 TCAGAATAGAAATGTGGAGGAAAATGCTGAAAACTCAGAGGAAATCTTAAAGACGGAGTGAGCCCAAC
 CCTGGATCTCCAAGAAAACCAAGTGTACGGAGCCAACAACAAGCAGTCTTCTCCCGGGCAAGGATGC
 TCCAAGTACCAGGCTACCCAGGAGTTGGCTAAAGACAACCCAGTGGAGACCAGGATGAGAAGACCC
 TGTACCAGGGGACGCCAAATCTGATGGTGTACCCAAGTCAAGTCCGAAGATGTGTCCAACAATTGTGCC
 GTGGAAGACAGGTCGGCTGTTCAACAATTGCGAGAGAGACTGGCAACGTTACCTAAGTGGTTCAGGAAC
 CGTTCGACTGTTACTTTCTGGGAGACCACAGCTCCAAGAGCGTCCGTGAATCCATCCTACAATGCTCA
 CGGGTCACTGTTCCACTCTGCTGTGATAGATGACATCCCAGCAAGCTTGTCCGTGCATCTATCCTAGT
 CCAAGTGCAGAGCTGGAGGAAAACCTAAGGTTCAATGTACGCCGGCCACTCTCACCTATCAGAAACAGAA
 ATCCGTCGGCCGCTCGGAGAGCCACAGTGAGGACACCCAGGGAGAAGAGGAGAGGGCTTCGACTAGTCA
 AGCTCAGGAGTCTCCACTCCTGTCAGATCTACCAATCCCAAAGCAGCATGGCCTTGGGGACTCCCT
 AGCTCTCCTACAAGAAGACATTTACAAGGCCATTTCTACATGCCTGGGTCCTGCAAGAAAATATACCTT
 TTACTTTCTTTGCGGTGTCTGATTTTGAAGTCAGAATGATAACGGGACCAGCGTTAGAGTCTCTGGTGT
 CATGGATGAAAAGGCCACAGAAATAAAGGCAGACCCCTGAGAAACTCAGGAAATTGCAAGAAAGTCTCCTG
 GAGGAGGACTCGGAGGAGGAGGGAGACTTGTGTCGGATCTGTCAGATAGCGGGGGGTTCCCAAGCAAC
 CCCTCCTGGAGCCTTGTGGCTGTGTGGGAAGTCTGCAAGTGTGTTTCAACAAGAGTGCCTGAAAAAGTGGCT
 GAAAGTAAAAATAACATCAGGGGAGATCTAAGCACTGTAAAGACCTGTGAGATGTGAAGCAAGGCCTA
 CTGGTCGACCTGGATGACTTCAACATGACCGAATTCTACCACAAGCACCAGCAATCCCGGGCACAGAGTG
 AGCTGATGAACTCAGGCTTGTACCTGGTGTGCTGCTCCACTGTATGAGCAGAGGTTCCGAGAATCAT
 GACCCTCAACTACAGGCGGGCTTCCAGAGAGAGGATGTCAAGAAATACCCACAACCCAGACCCGGAAGAA
 AGCGAAAGTTCGAGTCTGGAGATGGCAATGAAAGCAACGTTTACCCAGGCCGGGTATCTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_001013973
Insert Size: 2373 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_001013973.1</u> , <u>NP_001013995.1</u>
RefSeq Size:	3008 bp
RefSeq ORF:	2373 bp
Locus ID:	303596
UniProt ID:	<u>Q5XIV2</u>
Cytogenetics:	10q32.1
Gene Summary:	E3 ubiquitin-protein ligase (Probable). E3 ubiquitin ligases accept ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfer the ubiquitin to targeted substrates.[UniProtKB/Swiss-Prot Function]