

Product datasheet for **MC218586**

March6 (BC059190) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	March6 (BC059190) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	March6
Synonyms:	3830408G03; F830029L24Rik; mKIAA0597
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC059190
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTTTCTGCACTGGTTGGTGGGAATGGTGTATGTGTTCTACTTTGCCTCCTTCATCCTGTACTGAGAG
 AGGTACTTCGACCTGGTGTCTTATGTTTCTGAGGAATTTGAACGATCCAGATTTAATCCAGTACAGGA
 AATGATCACTTGCCATTATAGACATCTCCGAAGATTATTTTGTCACTGATTGTCTTTGGCTCCATT
 GTCCTTCTGATGCTCTGGCTTCTATACGTATAATTAAGAGTCTCTTGCCTAATTTTCTTCTTACAATG
 TCATGCTCTACAGTGTGCTCCGGTGTGAGCTGTCCCTTGTGCTCCTACTGCAGGTTGTCTTGCC
 AGCATTGTGGAACAGGGACACACGAGGCAGTGGCTGAAGGGGCTTGTGCGTGCATGGACTGTTACTGCT
 GGATACTGTGGACCTTATTCTACTTACTGGGAGATCAGGAAGAAAACGAGAACAGTCAAATCAGC
 AGGTCAACAATAACCAGCTGCACGAAACAATAATGCTGTTCTGCCGGGAAGGCTGCATGCAGCCCA
 CCAAGCCATACTCCAGCAGGGAGGACCTGTTGGCTTTCAGCCTTACC GCCGGCCTTTAAATTTCCACTC
 AGGATATTTCTGCTGATTGTCTTATGTGCATAACATTGCTAATTGCCAGCCTCATTGCTTACTTTAC
 CAGTATTTGCTGGCCGTTGGTTAATGTCATTTTGACGGGGACTGCCAAAATCCATGAGCTGTACACAGC
 TGCTTGTGGTCTCTATGTGTGTTGGTAACCATAAGGGCTGTGACGGTGTGTTGGCCTGGATGCCCCAG
 GGACGAAGAGTGATTTTCCAGAAGGTTAAAGAGTGGTCCCTCATGATAATGAAGACGTTGATAGTTGCTG
 TGCTGCTGGTGGGGTCTGCCACTGCTCCTCGGGCTCCTGTTTGTGCTGGTTATTGTTGCTCCTCTGAG
 GGTCCCTCTTGATCAGACTCCCTTTTCTACCTTGGCAGGACTGGGCGTGGGAGTGTGCATGCCAAA
 ATTATCGCAGCTATAACTCTTATGGGTCTCAGTGGTGGTTGAAAAGTGTATTGAACAGGTTTACGCAA
 ATGGCATTGTAACATCGACCTTCACTATATCATCCGTAAGCTGGCAGCCCGGTGATCTCTGTGCTCTT
 ACTTTCCCTGTGTACCGTATGTCATAGCTTCTGGCGCGGTTCCCTCTACTAGGTGTTACTGCAGAGATG
 CAGAACTTAGTTCACCGCGGATTTACCCATTTTATTGATGGTGTGCTGATGGGAATCCTGTCTCT
 TCCAGGTCGCCAGTTTAAAGCGCTTTATGAACACATTAATAATGACAAGTACCTTGTGGGGCAGCGCCT
 GGTGAATATGAGCGCAAATCCGGCAAGCAAGGCCGTCTACACCGCCTCCGGTGTCTGCCAAGAATAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** BC059190
- Insert Size:** 2511 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: [BC059190](#), [AAH59190](#)

RefSeq Size: 4778 bp

RefSeq ORF: 1469 bp

Locus ID: 223455

Cytogenetics: 15 B2

Gene Summary: E3 ubiquitin-protein ligase that promotes 'Lys-48'-linked ubiquitination of target proteins, leading to their proteasomal degradation. Promotes ubiquitination of DIO2, leading to its degradation. Promotes ubiquitination of SQLE, leading to its degradation. 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. May cooperate with UBE2G1. [UniProtKB/Swiss-Prot Function]