

Product datasheet for **MR207831**

March6 (BC059190) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	March6 (BC059190) Mouse Tagged ORF Clone
Tag:	Myc-DDK
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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ORF Nucleotide Sequence:

>MR207831 representing BC059190
 Red=Cloning site Blue=ORF Green=Tags(s)

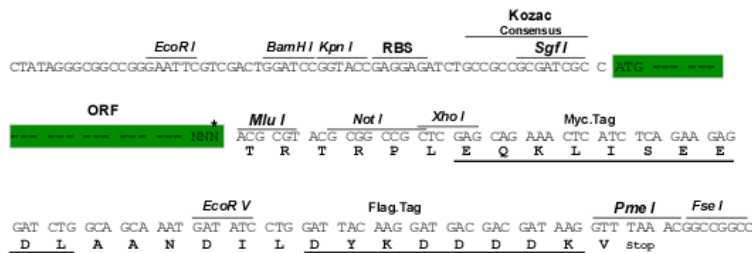
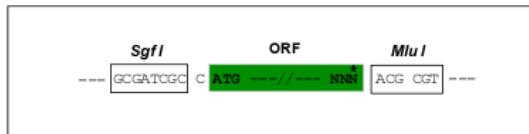
TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTTTCTGCACTGGTTGGTGGGAATGGTGTATGTGTTCTACTTTGCCTCCTTCATCCTGTACTGAGAG
 AGGTACTTCGACCTGGTGTCTTATGTTTCTGAGGAATTTGAACGATCCAGATTTAATCCAGTACAGGA
 AATGATCACTTGCCATTTATAGACATCTCCGAAGATTTATTTTGTCACTGATTGTCTTTGGCTCCATT
 GTCCTTCTGATGCTCTGGCTTCCTATACGTATAATTAAGAGTCTCTTGCCTAATTTTCTTCTTACAATG
 TCATGCTCTACAGTGATGCTCCGGTGAGTGAGCTGTCCCTTGAGCTGCTCCTACTGCAGGTTGTCTTGCC
 AGCATTGCTGGAACAGGGACACACGAGGCAGTGGCTGAAGGGCTTGTGCGTGCATGGACTGTTACTGCT
 GGATACTGTGGACCTTATTCTACTACTGGGAGATCAGGAAGAAAACGAGAACAGTCAAATCAGC
 AGGTCAACAATAACCAGCTGCACGAAACAATAATGCTGTTCTGCCGGGAAGGCTGCATGCAGCCCA
 CCAAGCCATACTCCAGCAGGGAGGACCTGTTGGCTTTCAGCCTTACC GCCGGCCTTTAAATTTCCACTC
 AGGATATTTCTGCTGATTGTCTTATGTGCATAACATTGCTAATTGCCAGCCTCATTGGCTTACTTTAC
 CAGTATTTGCTGGCCGTTGGTTAATGTCATTTTGGACGGGGACTGCCAAAATCCATGAGCTGTACACAGC
 TGCTTGTGGTCTCTATGTGTGTTGGTAACCATAAGGGCTGTGACGGTGTGTTGGCCTGGATGCCCCAG
 GGACGAAGAGTGATTTCCAGAAGGTTAAAGAGTGGTCCCTCATGATAATGAAGACGTTGATAGTTGCTG
 TGCTGCTGGTGGGTCGTCCTGCTCCTCGGGCTCCTGTTTGGCTGGTATTGTTGCTCCTCTGAG
 GGTCCCTCTTGATCAGACTCCCTTTTCTACCTTGGCAGGACTGGGCGCTGGGAGTGTGCATGCCAAA
 ATTATCGCAGCTATAACTCTTATGGTCCCTCAGTGGTGGTTGAAAAGTGTATTGAACAGGTTACGCAA
 ATGGCATTGTAACATCGACCTTCACTATATCATCCGTAAGCTGGCAGCCCGGTGATCTCTGTGCTCTT
 ACTTTCCCTGTGTACCGTATGTCATAGCTTCTGGCGCGGTTCCCTACTAGGTGTTACTGCAGAGATG
 CAGAACTTAGTTCACCGCGGATTTACCATTTTTATTGATGGTCTGTGCTGATGGGAATCCTGTCTCT
 TCCAGGTCGCCAGTTTAAAGCGCTTTATGAACACATTAATAATGACAAGTACCTTGTGGGGCAGCGCT
 GGTGAATATGAGCGCAAATCCGGCAAGCAAGGCCGTCTACACCGCCTCCGGTGTCTGCCAAGAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:
 Cloning Scheme:**
Sgfl-MluI

Cloning sites used for ORF Shuttling:

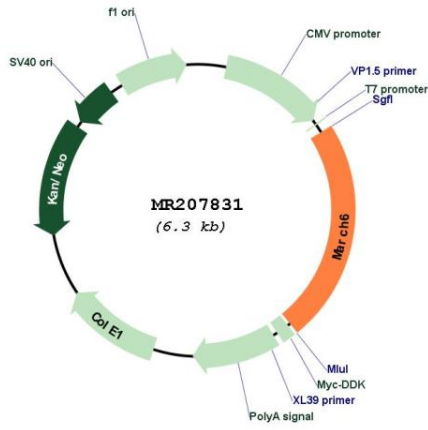


* The last codon before the Stop codon of the ORF

ACCN:
BC059190

ORF Size:	1467 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	BC059190 , AAH59190
RefSeq Size:	4778 bp
RefSeq ORF:	1469 bp
Locus ID:	223455
Cytogenetics:	15 B2
MW:	175.1 kDa
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]

Product images:



Circular map for MR207831