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Product datasheet for MC222553

March6 (NM_172606) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	March6 (NM_172606) 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)

Fully Sequenced ORF:

>MC222553 representing NM_172606
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGACACCGCCGAGGAAGATATATGTAGAGTGTGTCGGTCAGAAGGAACACCTGAGAAACCTCTTTATC
ATCCTTGTGTATGTACTGGCAGTATTAAATTTATTCATCAAGAATGCTTAGTTCAGTGGTTGAAACATAG
TCGGAAAGAATACTGTGAATTATGCAAGCACAGATTTGCTTTCACACCAATTTATTCTCCAGATATGCCT
TCACGGCTACCAATCCAAGACATATTTGCTGGACTGGTTACAAGTATTGGCACTGCAATACGATACTGGT
TTCATTACACACTTGTGGCCTTTGCATGGCTGGGAGTTGTTCCTCTTACAGCATGCCGCATCTACAAGTG
CTTGTTTACTGGCTCCGTGAGCTCACTACTGACACTGCCACTAGACATGCTGTCAACGGAAAATTTGTTG
GCGGATTGCTTGCAGGGCTGTTTTGTGGTGACGTGCACACTTTGTGCGTTCATCAGCCTGGTGTGGTTAC
GAGAGCAGATAGTCCACGGGGGAGCCCCAATTTGGCTGGAGCATGCTGCTCCACCCTTCAATGCTGCTGG
ACACCACCAAAATGAGGCTCCTGTAGGAGGAAATGGTGCAGAAAACCCTGCTGCTGATCAGCCAGCTAAC
CCAGCAGGTGAGAATGCAGTTCTGGGTGAAAACCCTGATGCCCAGGACGGTCAAGCAGAAGAGGAAGAGG
AGGACAATGAGGAGGAAGATGATGCGGGTGTAGAAGATGCTGCTGATGCCAACAATGGAGCCCAAGACGA
CATGAACTGGAATGCTTTAGAGTGGGACCGGGCTGCAGAAGAGCTTACTTGGGAAAGAATGCTTGGACTT
GATGGATCACTAGTTTTCCTGGAACACGTGTTCTGGGTGGTGTCTTTAAATACATTGTTCATTCTTGTTT
TTGCATTTTGTCCTTACCACATCGGCCATTTCTCCCTTGTTGGCTTGGGGTTTGAGGAGCATGTCCAAGC
ATCTCATTTTGAAGGTCTAATCACAACGATTGTTGGATATATACTTTTAGCAATAACACTGATAATTTGT
CATGCATTGGCAACTCTTGTTAAATTTCATAGGTCTCGTCGCTTGCTGGGCGTCTGCTATATTGTGGTTA
AGGTCTCTTTGTTAGTTGTGGTAGAAATCGGAGTGTTCCCTCTCATTTGTGGCTGGTGGCTGGATATCTG
TTCTCTGGAAATGTTTGATGCTACTCTGAAAGATCGAGAGCTGAGCTTTCAGTCAGCTCCAGGGACCACG
ATGTTTCTGCACTGGTTGGTGGGAATGGTGTATGTGTTCTACTTTGCCTCCTTCATCCTGTTACTGAGAG
AGGTACTTCGACCTGGTGTCTTATGGTTTCTGAGGAATTTGAACGATCCAGATTTTAATCCAGTACAGGA
AATGATTCACTTGCCCATTTATAGACATCTCCGAAGATTTATTTTGTCAGTGATTGTCTTTGGCTCCATT
GTCCTTCTGATGCTCTGGCTTCCTATACGTATAATTAAGAGTCTCTTGCCTAATTTTCTTCCTTACAATG
TCATGCTCTACAGTGATGCTCCGGTGAGTGAGCTGTCCCTTGAGCTGCTCCTACTGCAGGTTGTCTTGCC
AGCATTGCTGGAACAGGGACACACGAGGCAGTGGCTGAAGGGGCTTGTGCGTGCATGGACTGTTACTGCT
GGATACTTGCTGGACCTTCATTCCTACTTACTGGGAGATCAGGAAGAAAACGAGAACAGTGCAAATCAGC
AGGTCAACAATAACCAGCCTGCACGAAACAATAATGCTGTTCCTGCCGGGGAAGGTCTGCATGCAGCCCA
CCAAGCCATACTCCAGCAGGGAGGACCTGTTGGCTTTCAGCCTTACCGCCGGCCTTTAAATTTCCCACTC
AGGATATTTCTGCTGATTGTCTTCATGTGCATAACATTGCTAATTGCCAGCCTCATTTGCCTTACTTTAC
CAGTATTTGCTGGCCGTTGGTTAATGTCATTTTGGACGGGGACTGCCAAAATCCATGAGCTGTACACAGC
TGCTTGTGGTCTCTATGTGTGTTGGCTAACCATAAGGGCTGTGACGGTGCTGGTGGCCTGGATGCCCCAG
GGACGAAGAGTGATTTTCCAGAAGGTTAAAGAGTGGTCCCTCATGATAATGAAGACGTTGATAGTTGCTG
TGCTGCTGGCTGGGGTCGTCCCACTGCTCCTCGGGCTCCTGTTTGAGCTGGTTATTGTTGCTCCTCTGAG
GGTCCCTCTTGATCAGACTCCCCTTTTCTACCCTTGGCAGGACTGGGCGCTGGGAGTGCTGCATGCCAAA
ATTATCGCAGCTATAACTCTTATGGGTCCTCAGTGGTGGTTGAAAACTGTCATTGAACAGGTTTACGCAA
ATGGCATTCGTAACATCGACCTTCACTATATCATCCGTAAGCTGGCAGCCCCGGTGATCTCTGTGCTCTT
ACTTTCCCTGTGTGTACCGTATGTCATAGCTTCTGGCGCGGTTCCTCTACTAGGTGTTACTGCAGAGATG
CAGAACTTAGTTCACCGGCGGATTTACCCATTTTTATTGATGGTCGTTGTGCTGATGGGAATCCTGTCCT
TCCAGGTCCGCCAGTTTAAGCGCCTTTATGAACACATTAAAAATGACAAGTACCTTGTGGGGCAGCGCCT
GGTGAACTATGAGCGCAAATCCGGCAAGCAAGGCCCGTCTACACCGCCTCCGGTGTCGTCCCAAGAATAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_172606

Insert Size:	2730 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_172606.2, NP_766194.2
RefSeq Size:	6236 bp
RefSeq ORF:	2730 bp
Locus ID:	223455
UniProt ID:	Q6ZQ89
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]