

Product datasheet for **RN213552**

March7 (NM_001012087) Rat Untagged Clone

Product data:

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|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | March7 (NM_001012087) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | March7 |
| Synonyms: | Axot |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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Fully Sequenced ORF: >RN213552 representing NM_001012087
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGAGTCTAAACCTTCCAGATTCCAAGAAGAATTTCTGTTCAACCCTCTGGCTCTTTAAGTGCTAGGA
 TGGTATCTGAAAACCGAGGAACCAAGTTTAAATGATTCTATCATTCTAGAGACTCTTCCTTAGACTGGA
 TTCTGAATATCAGTCTGCCTCAGCGTCAGCATCTGCATCACCATATCAGTCTACTTGGTACAGTGAGTCT
 GAGATAACTCAGGGAGCACGGTCACGGTCACAAAACCAGCAAAGGGATCATGATTCAAAAAGACCTAAAC
 TTTCTTGACAACTGTACGTCTACCTCAGCTGGGAGAAAATTTGGAAGTGGTTTAAATACACTGTCAGA
 TTCTTCTGGAGGCTGGTCAAGTTCGAGATCTTCTCAATGGTCTTGGTTCATTTGGAACAGACTTG
 ATGAGAGAGAGGAGATCTGGAGAGGAGAAGGGACTCCTCCATTAGCAGTCTTATGGACTATAGTCACC
 GGAGTGGGATTTACAGCTCCAGCATATGTTCAAGAAAGAGTTCCTTCTCATATTCACAGGGAGCAAG
 ACCAAAAGAGAATGCCGGAACACTTTACAGTTGAATTCACCAATCACAACCTGCCTTCTGAGCAT
 CAGACAGTACCAAGTTCTAGGGACTCTAGTAGAAGTTCCTTTCAGATCCCATTTTTCTCCAAGACAATCAG
 AATCTTTTCGAAACAGTTCACATCCTGCATTTTCATATCTTTCAAGTAGAAAATGAACTCCAACATAAG
 CAGTTCAGAAAAGGGCTGGCTCGTCTCAGAGACATTTCAAGAATCTTCTGACAATGAAGGTAGGCGTACA
 ACTAGGAGATTGCTGTCACGGATAGCTTCTAGCATGTCATCTACCTTCTTTTCACGAAGATCTAGTCAAG
 ATTCCTTAAATACAAGGTCACTGAGTTCGAAAATTAATTTCTCCAAGAACCCTGACTTCACAGTCTCG
 GAATAATGGAGCATCATCTTCTGAAGTTAATGATGGCAGGGCGTCTGAAGCGTCTCAGGGATTTAGGTTT
 CTTAGGCGAAGATGGGGTTTGTCTCTCTTAGCCAGAATCATAGCTCTGAACCAGATGCAGAAAACCTTTA
 ACCAAGAATCAGAAGGTAGAAAACAGGACCATGGTTGTCTTCTCACTTAGAAAATAGATGCACACCTTT
 GTTCTCTAGAAGGAGGCGAGAGGGAAGAGATGAGTCTTCAAGAATATCTCCATCAGATGTACCTCCTAGA
 TCTCATCTTTTCAGAAGAGAATCAAATGAAGTAGTTCACCTTGAAGCACAGGGGGACTCCCTTGGGGCAG
 CTGCCAGCAGACCACAAGCATCCGGAGCATCAGGCAATGCTTCTGCAAGTGGATCCACACCAGATTTGCC
 ACAGGGTGAAGAAAATACAGGAATAGCAGGGATCCTTCTGGCTCCTTATCCGGTTTGCAGTTCGGCCA
 GCACCTGGCAGTAACCTGACTGACAATGTCACGATTACCGTAGATATTATCCTTCAGGTTGGAGTTCAG
 CTGATGGGAAAAGTGA AAAAGCTAAAAGTGCACCTTCAAGAGACCCAGAAAACCTCAGAAAATCAAAGA
 AAGCCTCCTCTTAGAGGACTCTGATGAAGAAGAAGAAGGGGACTTATGTAGAATTTGCCAGATGGCAGCA
 GCGTCATCATCTAATTTATTGATAGAGCCATGCAATGCACTGGGAGTCTGCAGTATGCCATCAAGAGT
 GTATGAAGAAGTGGTTACAGGCCAAAATTAATCTGGTCTTCTTAGAGGCTGTAAACCCTGTGAACT
 CTGTAAGAGAAGTTGCAACTTAACTGGAGGATTTTGTATTCATGAACTACATAGAGCTCATGCAAAAT
 GAACAAGCTGAGTATGAGTTTATCAGCTCTGGTCTCTACCTAGTTGTCTTACTGCACTTGTGTGAACAAA
 GCTTTTCTGATATGATGGGAAAATACAATCGAACCAAGCACGCGCTCCGATTTATTAACCTTGAAGAAC
 TCTTCAGGCACATATGGAAGATCTCGAAACTTCAGAGGATGAGTCT**GA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001012087
- Insert Size:** 2079 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_001012087.1](#), [NP_001012087.1](#)

RefSeq Size: 2421 bp

RefSeq ORF: 2079 bp

Locus ID: 311059

UniProt ID: [Q5XI50](#)

Cytogenetics: 3q21

Gene Summary: E3 ubiquitin-protein ligase which may specifically enhance the E2 activity of HIP2. 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]