

## Product datasheet for **MC214450**

### March3 (NM\_177115) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** March3 (NM\_177115) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** March3  
**Synonyms:** 6330411115Rik; A530081L18Rik; A1843639; MARCH-III  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC214450 representing NM\_177115  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGACAACCAAGTCGCTGCAGTCACCTGCCGAAGTCTTGCCAGACTGCACCAGCTCAGCCGCGCCTGTGG  
 TGAAGACGGTGGAGGATTGTGGCAGCCTAGTGAATGGGCAGCCACAGTATGTCATGCAAGTTTCAGCCAA  
 GGACGGGCAGCTGCTGTCAACAGTAGTGCGGACTCTTGCCACCCAGAGCCCTTCAATGACCGGCCAATG  
 TGCAGGATCTGCCATGAGGGAAGCAGCCAAGAGGACTTACTCTCTCCGTGTGAATGACTGGGACCTTGG  
 GGACCATCCATCGGAGCTGCCTGGAGCACTGGCTGTCATCCTCAAATACCAGCTACTGTGAACCTTGCCA  
 CTTCAGGTTTGCAGTGGAGCGCAAACCCAGGCCGTTAGTGGAGTGGCTTAGAAAACCTGGCCCCCAGCAT  
 GAGAAGCGGACTCTGTTTGGAGATATGGTGTGCTTCTTGTATAACGCCCTGGCTACCATCTCAGGCT  
 GGCTGTGCTGCGGGGGCCGTGGATCACCTGCACTTTAGTAGCCGGCTGGAGGCCGTGGACTCATTGC  
 CCTCACTGTGGCACTCTCACCATTTACCTCTTCTGGACACTAAGGCCTTATGGACACCAAAGTAAACCA  
 TTTTGAATCAGTCGAGCAGAAGCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_177115  
**Insert Size:** 657 bp



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_177115.2</a></u> , <u><a href="#">NP_796089.1</a></u>
<b>RefSeq Size:</b>	1754 bp
<b>RefSeq ORF:</b>	657 bp
<b>Locus ID:</b>	320253
<b>UniProt ID:</b>	<u><a href="#">Q8BRX9</a></u>
<b>Cytogenetics:</b>	18
<b>Gene Summary:</b>	E3 ubiquitin-protein ligase which may be involved in endosomal trafficking. 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]