

## Product datasheet for **RR207037**

### March8 (NM\_001107882) Rat Tagged ORF Clone

#### Product data:

Product Type: Expression Plasmids  
Product Name: March8 (NM\_001107882) Rat Tagged ORF Clone  
Tag: Myc-DDK  
Symbol: March8  
Synonyms: Mir  
Vector: pCMV6-Entry (PS100001)  
E. coli Selection: Kanamycin (25 ug/mL)  
Cell Selection: Neomycin  
ORF Nucleotide Sequence: >RR207037 representing NM\_001107882  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGAGCATGCCACTGCACCAGATCTCTGCCATCCCTTCTCAGGATGCCATTTCTGCTAGAGTCTACAGGA  
GCAAGACCAAAGATAAAGGAGCAGAATGAGAAGACTTTGGGACATTCATGAGTCATCAAGCAACATTTT  
TAAGGCTGGGAGTAGTCTCCATCCACGACCGCTCCAGTGTCTGCCTTCTCTCGCACTTCTGTAACACCA  
TCCAACCAGGACATCTGCAGGATCTGCCACTGTGAAGGCGATGACGAGAGCCCTCTGATCACCCCTGTC  
ACTGTACAGGGAGCCTACACTTTGTGCATCAGGCTTGCCTGCAGCAGTGGATTAAGAGTTCTGACACACG  
CTGCTGTGAACCTGCAAAACGAGTTCATCATGGAGACCAAGCTGAAACCTTTGAGGAAATGGGAGAAG  
TTGAGATGACGGCCAGTGAGCGCAGGAAGATCATGTGCTCAGTGACGTTCCATGTCATTGCCATCACCT  
GTGTGGTCTGGTCTTGTATGTACTATTGACCGCACAGCAGAGGAGATCAAGCAGGGTCAGGTGACAGG  
AATCCTAGAGTGGCCTTCTGGACTAAGCTGGTAGTTGTGGCCATCGGCTTCACCGGAGGACTTCTCTTT  
ATGTATGTCCAATGCAAGGTGTACCTACAGTTATGGAAAAGACTCAAGGCTTACAATAGAGTGATCTATG  
TTCAAAACTGTCCAGAAACAAGTAAAAAGAATATTTTTGAAAAGTCTGCCTAACAGAGCCCAACCCTTGA  
AAATAAAGAAGGACATGGAATGTGTCATTCCACCACAAATCTTCTTGCACAGAGCCTGAAGACACTGGA  
GCAGAAATTATTAACGTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR207037 representing NM\_001107882  
 Red=Cloning site Green=Tags(s)

MSMPLHQISAIPSQDAISARVYRSKTKDKEQNEKTLGHSMSPSNISKAGSSPPTTAPVSFAFRTSVTP  
 SNQDICRICHCEGDDESLITPCHCTGSLHFVHQACLQQWIKSSDTRCCELCKYEFIMETLKLPLRKWEK  
 LQMTASERRKIMCSVTFHVIAITCVVWSLYVLIDRTAAEIKQGQVTGILEWPFWTKLVVVAIGFTGGLLF  
 MYVQCKVYLQLWKRLKAYNRVIYVQNCPEKSKNIFEKSALTEPTLENKEGHGMCHSTTSSCTEPEDTG  
 AEIINV

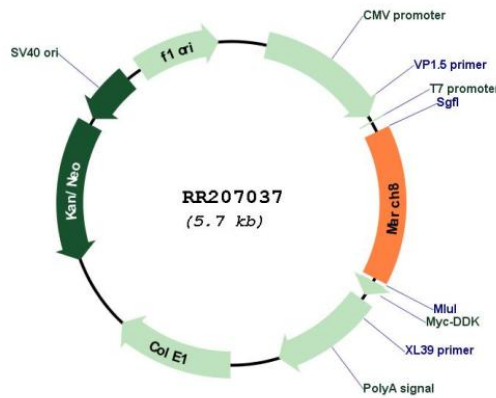
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM\_001107882

ORF Size: 858 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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>	<a href="#">NM_001107882.1</a> , <a href="#">NP_001101352.1</a>
<b>RefSeq Size:</b>	4375 bp
<b>RefSeq ORF:</b>	861 bp
<b>Locus ID:</b>	312656
<b>Cytogenetics:</b>	4q42
<b>MW:</b>	32.2 kDa