

## Product datasheet for **RR206555**

### March11 (NM\_001101828) Rat Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** March11 (NM\_001101828) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** March11  
**Synonyms:** MARCH-XI; RGD1559945  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >RR206555 representing NM\_001101828  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGAGCGACGAGGGCAGCAAACGGGTAGCCGGGCGGACAGCCTCGAAGCTGAGCCACCTCTGCCCCGC  
 CGCCCCACCCCGCCTCCGGGAGAGTCTCCCTGGTCCCCACCTCCCCACGCTACCGGCCCGCGTACC  
 CGCGCCTCTGGAGCGCATCGTAGGGTCGGGCGAGCCCGGTAGAAGTGGCCCCGCGCGCAAGGGTGAG  
 CCGCTGCCACCGCTGCCCGCTCTCGTTGCCCGGCGACCAGGAGGTGTCAGCGGGCGGCGACTCCTGCC  
 AAGTCTAGACGCTTCCGGAGGTAAGCTCCCGGAGGCTGCGGCGGGAAAGGCAGCCCGCGGAGCC  
 CGAGGCCGCGCGTGCAGGGAGGGCGAGCGGCGAGGCACCGGAGACCAGCCTGAGACACGCTCCGTATGT  
 AGCAGCCGACGAGCAGTAGTGGCGCAGTGGCGACCAGCGCTCGGGACATCAGCACCAGCACCATCAGC  
 CCATTTGCAAGATCTGCTTCCAGGGCGCGGAGCAGGGTGAGTTGTTAAATCCTTGCCGATGTGATGGTTC  
 TGTTCCGTACACACATCAGCTGTGTCTTCTAAAGTGGATCAGCGAGAGGGGCTCCTGGACCTGCGAACTG  
 TGCTGTTATAGATACCACGTACAGCCATTAATGAAGCAACCTTGCCAGTGCCAGAGCATTCTATAA  
 CACTGGTTGAGAAAGTTCAGATGATCGCTGTAATCCTAGGATCCCTGTTCTTAATAGCGAGTGTGACTTG  
 GCTCCTTGTCAGCCTTCAGCCCTATGCAGTGTGCCAGAGGAAGGACATCCTTTTCCAATCTGCTAT  
 GGAATGATGGTTTTATGGATCTAGTGTGCATAGGCCTCATTGTCATGAAGGAGCTGCAGTTTACAGAG  
 TGTTAAGCGATGGCGAGCTGTTAACTTGCACTGGGATGTATTAATTATGACAAAGCCACAGACATTGA  
 AGAAAGCAGCCGAGGAGAGTCCACACAAGTAGGACTTTGTGGTTACCATTGTCAGCTCTGAGGAACAGG  
 AACTTGGTCCACCAACGCAACTAACCTCACCAGGTTTCAGTGTGGCTATGTGCTATTACATCTATTCA  
 ATCGGATGAGGGCCATGAAGATGTTTCGGAAGATAATGGCTCTGGTGAGGTAGTGATGAGAGTGACGTC  
 TGTG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



**Protein Sequence:** >RR206555 representing NM\_001101828  
 Red=Cloning site Green=Tags(s)

MSDEGSKRGRSADSLEAEPPLPPPPPPPPGESSLVPTSPRYRPPLPAPLERIVGSGEPPVELAPRRKGE  
 PLPPLPPSRLPGDQEVSAAGDSCGPRRLPEVKLPEAAAGKGSPEAEPEAGACGEGERRGTGDQPETRSVC  
 SSRSSSSGGSGDQRSQHQQHHQPICKICFQGAEQGELLNPCRCDSVRYTHQLCLLKWISERGSWTCEL  
 CCYRYHVTAIKMKQPCQWQSIITLVEKVQMIQAVILGSLFLIASVTWLLWSAFSPYAVWQRKDILFQICY  
 GMYGFMDLVCIGLIVHEGAAYRVFKRWRAVNLHWDVLYDKATDIESSRGSSTSRTLWLPLSALRNR  
 NLVHPTQLTSPRFQCGYVLLHLFNRMRHEDVSEDNGSGEVVMRVTSV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

**ACCN:** NM\_001101828

**ORF Size:** 1194 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:**

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\\_001101828.1](#), [NP\\_001095298.1](#)

**RefSeq Size:** 1572 bp

**RefSeq ORF:** 1197 bp

**Locus ID:** 499558

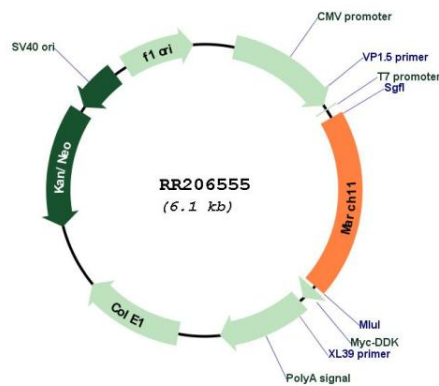
**UniProt ID:** [A6P320](#)

**Cytogenetics:** 2q22

**MW:** 43.9 kDa

**Gene Summary:** E3 ubiquitin-protein ligase that mediates polyubiquitination of CD4. 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 play a role in ubuquitin-dependent protein sorting in developing spermatids.[UniProtKB/Swiss-Prot Function]

## Product images:



Circular map for RR206555