

Product datasheet for **RN206555**

March11 (NM_001101828) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: March11 (NM_001101828) Rat Untagged Clone
Tag: Tag Free
Symbol: March11
Synonyms: MARCH-XI; RGD1559945
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN206555 representing NM_001101828
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGCGACGAGGGCAGCAAACGGGGTAGCCGGGCGGACAGCCTCGAAGCTGAGCCACCTCTGCCCCGCG
 CGCCCCACCCCGCCTCCGGGAGAGTCTCCCTGGTCCCCACCTCCCCACGCTACCGGCCGCCGCTACC
 CGCGCCTCTGGAGCGCATCGTAGGGTCGGGCGAGCCGCCGGTAGAACTGGCCCCGCGCGCAAGGGTGAG
 CCGCTGCCACCGCTGCCGCCGTCTCGGTTGCCCGCGACCAAGGAGGTGTCAGCGCGGGGCGACTCCCTGCC
 AAGGTCCTAGACGCCTTCCGGAGGTAAAGCTCCCGGAGGCTGCGGCGGGAAAGGAGCCCGCGGGAGCC
 CGAGGCCGGCGCGTGCAGGGAGGGCGAGCGGCGAGGCACCGGAGACCAGCCTGAGACACGCTCCGTATGT
 AGCAGCCGCAGCAGCAGTAGTGGCGGCAGTGGCGACCAGCGCTCGGGACATCAGCACCAGCACCATCAGC
 CCATTTGCAAGATCTGCTTCCAGGGCGCGGAGCAGGGTGAGTTGTTAAATCCTTGCCGATGTGATGGTTC
 TGTTCCGTACACACATCAGCTGTGTCTTCTAAAGTGGATCAGCGAGAGGGGCTCCTGGACCTGCCAACTG
 TGCTGTTATAGATACCACGTACAGCCATTAATGAAGCAACCTTGCCAGTGGCAGAGCATTCTATAA
 CACTGGTTGAGAAAGTTCAGATGATCGTGAATCCTAGGATCCCTGTTCTTAATAGCGAGTGTGACTTGT
 GCTCCTCTGGTCAGCCTTCAGCCCTATGCAGTGTGGCAGAGGAAGGACATCCTTTTCCAAATCTGCTAT
 GGAATGTATGTTTTATGGATCTAGTGTGCATAGGCCTCATTGTCCATGAAGGAGCTGCAGTTTACAGAG
 TGTTTAAAGCGATGGCGAGCTGTTAACTTGCAGTGGGATGTATTAATATGACAAAGCCACAGACATTGA
 AGAAAGCAGCCGAGGAGAGTCAACACAAGTAGGACTTTGTGGTTACCATTGTCAGCTCTGAGGAACAGG
 AACTTGGTCCACCAACGCAACTAACCTCACCAGGTTTCAGTGTGGCTATGTGCTATTACATCTATTCA
 ATCGGATGAGGGCCATGAAGATGTTTCGGAAGATAATGGCTCTGGTGGGATGATGAGAGTGACGTC
 TGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001101828
Insert Size:	1197 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:	<ol style="list-style-type: none">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:	<u>NM_001101828.1</u> , <u>NP_001095298.1</u>
RefSeq Size:	1572 bp
RefSeq ORF:	1197 bp
Locus ID:	499558
UniProt ID:	<u>A6P320</u>
Cytogenetics:	2q22
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 developomenting spermatids.[UniProtKB/Swiss-Prot Function]