

Product datasheet for **RR204376**

Mtor (NM_019906) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mtor (NM_019906) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Mtor
Synonyms:	Frap1; RAFT1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR204376 representing NM_019906 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTTGGGACAGGCCCTGCCACGGCCACCGCCGGTGCCGCCACATCTAGCAACGTGAGCGTTCTGCAGC
AGTTCGCCAGTGGGCTGAAGAGCCGGAATGAGGAGACCAGGGCCAAAGCAGCCAAGGAGCTCCAGCACTA
TGTCACCATGGAACCTTCGAGAGATGAGTCAGGAGGAGTCTACTCGTTCTATGACCAGCTGAACCATCAC
ATTTTTGAACTGGTTTCCAGCTCAGACGCCAATGAGAGGAAGGGTGGCATCTTGGCCATTGCCAGCCTCA
TTGGAGTGGAAAGGTGGGAATCCACCAGGATTGGCAGATTTGCCAACTACCTTCGGAACCTCCTCCCTC
AAGTGATCCAGTTGTCATGGAGATGGCATCCAAGGCCATTGGCCGCTTGAATGGCAGGGGACACTTTC
ACTGCTGAGTATGTGGAGTTTGAAGTGAAGCGAGCCTTGGAGTGGCTGGGTGCTGACCGAAATGAGGGCC
GGAGACATGCAGCTGTCTCGTTCTCCGTGAGCTGGCCATCAGCGTCCCCACCTTCTTCTCCAGCAAGT
TCAGCCCTTCTTTGACAACATTTTTGTGGCTGTGTGGGACCCCAAGCAGGCCATCCGTGAAGGAGCTGTG
GCTGCCCTTCGTGCCTGTCTGATTCTTACCACGCAGCGGGAGCCGAAGGAGATGCAGAAGCCTCAGTGGT
ACAGGCACACATTTGAAGAAGCAGAGAAAAGTTTTGATGAGACCCTGGCCAAAGAGAAGGGTATGAACCG
AGATGATCGAATCCACGGGCCCTTGTGATCCTCAACGAGCTCGTCCGAATCAGCAGCATGGAGGGAGAG
CGTCTGAGAGAGGAGATGGAGGAAATCACCCAGCAGCAGCTGGTACATGACAAGTACTGCAAGACCTAA
TGGGCTTTGGGACAAAGCCTCGGCACATCACTCCCTTACCAGCTTCCAGGCTGTGCAGCCCCAGCAGTC
AAACGCCCTTGGTGGGACTGCTGGGTACAGCTCCACCAAGGCCTAATGGGGTTTGGGGCTTCCCCAGC
CCTACAAAGTCCACTCTGGTGGAAAGCCGTTGTTGCAGAGACTTGATGGAAGAGAAATTTGATCAGGTGT
GCCAGTGGGTGCTGAAATGTAGGAGCAGCAAGAACTCACTGATCCAAATGACAATCCTTAATCTGTTGCC
CCGCTTGGCTGCATTCCGACCGTCTGCCTTACAGATACCCAGTACCTGCAAGACACCATGAACCATGTC
CTGAGCTGTGCAAGAAGGAAAAGAACGGACCGCAGCGTTCAGGCCCTAGGGTCTTTCTGTGGCGG
TGAGGTCCGAGTTAAGGTCTACCTGCCCGAGTACTTGACATCATCCGAGCAGCCCTGCCTCCAAGGA
CTTTGCCACAAGAGGCAGAAAAGTGTGCAAGTGGATGCCACAGTGTTCAGTGCATCAGCATGCTGGCG
CGGGCCATGGGGCCAGGCATCCAGCAGGACATCAAGGAGCTGCTGGAGCCATGTTGGCAGTGGGCTGA



[View online >](#)

GCCCTGCGCTCACTGCTGTGCTCTATGACCTGAGCCGGCAGATCCGCAGCTGAAGAAAGATATTCAGGA
 CGGGCTTCTGAAGATGCTGTCCCTGGTCCCTATGCACAAACCCCTGCGGCACCCGGGCATGCCAAAGGC
 CTGGCCACCAGCTGGCTCCCCAGGTCTTACCACCTCCCTGAGGCCAGCGACGTGGCCAGCATCACTC
 TTGCCCTCGAACTCTCGGCAGCTTTGAATTTGAAGGCCACTCTTGACCAGTTCGTCCGACACTGCGC
 AGATCATTTCTGAACAGTGAGCACAAGGAGATCCGCATGGAAGCAGCCCGACCTGCTCCCGCTGCTC
 ACACCTCCATCCACCTCATCAGCGGCCATGCCATGTGGTTAGCCAGACCCGAGTCAAGTGGTAGCAG
 ATGTGCTCAGCAAGCTGTTGTGGTCGGCATAACAGATCCTGATCCTGATATCCGCTACTGTGCTTGGC
 CTCCTTGATGAGCGCTTCGATGCCACTTGGCCAGGCAGAAAACCTACAAGCTGTTTTGTGGCTCTG
 AATGACCAGGTCTTTGAGATCCGAGAGCTGGCCATCTGCACTGTGGGCCACTCAGTAGCATGAACCCAG
 CCTTTGTCATGCCTTTCCTGCGCAAGATGCTCATCCAGATTTTGACAGAGCTGGAGCACAGTGGCATTGG
 GAGAATCAAGGAGCAGAGTGCCCGCATGCTGGGCACCTGGTCTCCAATGCCCCCGCTCATCCGCCCC
 TATATGGAGCCTATTCTGAAGGCTTTAATTTTGAAGCTCAAAGATCCAGACCTGACCCAAACCCGGGCG
 TGATCAATAACGTGTTGGCCACTATAGGAGAAGTGGCTCAGGTTAGCGGCTGGAGATGAGGAAGTGGGT
 GGACGAGCTCTTGTATCATCATGACATGCTGCAGGACTCCTCTCTTCTGGCCAAAAGACAGGTGGCT
 TTGTGGACCTGGGACAGTTGGTGGCCAGTACTGGCTACGTGGTGGAGCCCTACAGGAAGTACCCACTC
 TGCTTGAAGTGTGCTGAATTTCTGAAGACGGAGCAGAACAGGGCCTCGGAGAGAGGCCATCCGAGT
 GTTAGGGCTCCTCGGGCTTTGGACCCCTACAAGCACAAGTGAACATCGGCATGATTGACCAGTCCCGA
 GATGCTTCTGCTGTGACCTGTGAGAATCCAAGTCAAGTCAAGATTCTCTGACTACAGCACCAGTGAAA
 TGCTGGTCAACATGGGAAACCTGCCACTGGACGAGTCTACCCCGCCGTGTCCATGGTGGCTTGATGCG
 GATCTTCCGAGACCAGTCCCTCTCTCACCACCACCATGGTGGTTTCCAGGCCATCACCTTCTCAAG
 TCCCTGGGGCTCAAGTGTGTGAGTTCCTGCCAGGTCATGCCACGTTCTTAAACGTCATCCGAGTCT
 GTGATGGGGCCATCCGGGAATTTCTGTTCCAGCAGCTGGGAATGCTGGTGTCTTTGTGAAGGCCACAT
 CCGTCCCTACATGGATGAAATAGTACCCTCATGAGAGAATTTGGTTCATGAACACCTCAATCCAGAGC
 ACAATCATTCTTCTCATTGAGCAAACTCGTGGTGGCTCTTGGAGGTGAATTTAAGCTCTACCTGCCCCAGC
 TGATCCCACACATGCTGCGTGTCTTTCATGCATGACAACAGCCAGGGCCGATAGTCTCCATCAAGCTGTT
 AGCAGCGATCCAGCTGTTTGGCGCAACCTGGATGACTATCTGCACTTGTGTTGCCTCCGATCGTGAAA
 TTGTTTGTGATGCCCTGAAGTTCCTGCGTTCGAGAAAGGCAGCGTTGGAGACAGTGGACCCGCTGACAG
 AGTCCCTGGATTTCACTGACTATGCCTCCCGCATATTCACCCGATTGTTGCGACGCTAGACCAGAGCCC
 AGAGCTGCGCTCCACAGCCATGGACACCCTGTCTTCACTTGTGTTTCACTAGGGAAGAAGTACCAGATC
 TTCATTCCAATGGTGAATAAAGTCTTGTGCGACACCCGATCAATCACCAGCGCTACGACGTGCTGATCT
 GCAGAATCGTCAAGGGGTACACGCTTGTGATGAAGAAGAAGACCCTTTGATTTACCAGCATCGAATGCT
 AAGGAGACGCCAGGGAGATGCCCTGGCCAGTGGACCAGTTGAAACAGGACCCATGAAGAACTGCATGTC
 AGCACCATCAACCTCAAAGGGCTGGGGAGCTGCCAGAAGGGTCTCAAAGGACGACTGGCTGGAGTGGC
 TGCGACGCTTGTGATCTGGAGCTGCTGAAGGATTCTCATCACCTCCCTGCGCTCATGCTGGGCCCTGGC
 CCAGGCCATAACCCCATGGCCAGGGATCTCTTCAACGCTGCGTTTGTGCTGCTGGTCTGAACTGAAT
 GAAGACCAACAAGATGAGCTCATCAGGAGCATTGAGTTGGCTCTCACTTCTCAAGACATTGCTGAAGTCA
 CACAAACCCTCTTGAACCTGGCTGAGTTCATGGAGCACAGTGACAAGGGCCCCCTACCACTGAGAGATGA
 CAATGGCATCGTGTGTTGGGTGAGAGAGCTGCCAAGTCCCGGCATATGCCAAAGCACTACACTACAAA
 GAGCTGGAGTTCAGAAGGGGCCACGCTGCCATACTTGAAGTCCCTCATCAGCATTAAATAAACTGC
 AGCAGCCTGAGGCAGCGTCCGGGGTGTAGAGTACGCCATGAAACACTTCGGAGAGCTGGAGATCCAGGC
 CACCTGGTATGAGAAGTGCATGAGTGGGAGGACGCCCTTGTGGCCTACGACAAGAAGATGGACACGAAC
 AAGGATGACCCAGAGCTGATGCTGGGCCATGCGCTGTCTGAGGCCTTGGGAGAATGGGGCCAGCTTTC
 ATCAGCAGTGTGTAAGTGGACTCTGGTAAATGACGAGACCCAGGCTAAGATGGCCCGGATGGCTGC
 TGCAGCAGCATGGGGTTAGGTCACTGGGACAGCATGGAGGAGTACACCTGTATGATTCTCGGGATACT
 CACGATGGAGCATTCTACAGAGCAGTGTGGCACTGCATCAGGATCTCTTCTCTTGGCTCAACAGTGA
 TTGACAAGGCCAGGGACCTGCTGGACGCCGAGCTGACTGCCATGGCAGGGGAGAGCTACAGCCGAGCCTA
 TGGGGCCATGGTTTCTTCCACATGCTGTCCGAGCTGGAGGAGTTATCCAGTACAACTCGTCCCGGAG
 CGACGGGAGATCATCCGCCAGATCTGGTGGGAGAGACTGCAGGGCTGCCAGCGTATTGTAGAGGACTGGC
 AGAAAATCCTCATGGTCCGGTCCCTTGTGGTCAAGCCTCACGAGGACATGAGAACCTGGCTCAAGTACGC
 AAGCCTGTGTGGCAAGAGCGGCAGACTGGCTCTTGTCTATAAAACCTTAGTGTGCTCTTGGGAGTTGAT
 CCATCTCGGCACTTGACCATCTCTGCCAACAGTTACCCTCAAGTACCTATGCCTACATGAAAAACA
 TGTGAAAAGCGCTCGGAAGATTGATGCCTTCCAGCACATGCAGCACTTTGTGACAGACCATGCAGCAGCA

GGCCCAGCACGCCATTGCCACAGAGGACCAGCAGCACAAGCAGGAGCTGCATAAGCTCATGGCCAGGTGT
TTTCTGAAACTTGGGGAGTGGCAGCTGAACCTCCAGGGCATCAACGAGAGCACCATCCCCAAGGTGCTAC
AGTACTACAGTGTGCCACAGAGCATGACCGCAGCTGGTATAAGGCTTGGCACGCATGGGCAGTGATGAA
CTTTGAAGCCGTGCTACACTACAAAACATCAGAACCAAGCCCGGATGAGAAGAAGAACTGCGCCATGCC
AGCGGGGCCAACATCACCAATGCCACCACCTGCCACCACCGTGCCTCCGCTGCCGTGCCACCAGCA
CAGAGGGCAGCAACAGTAAAAGTGAAGCCGAGAGCAATGAGAGCAGCCCCACCCCGTCCCCTCTGCAGAA
GAAGTCACTGAGGATTTGTCCAAAACCTCTTGTGTACACTGTCCCTGCTGTCCAAGGTTCTTCCGT
TCTATCTCCTTGTGAGAGGCAACAACCTCCAGGATACACTCAGAGTCCTCACCTTGTGGTTTGATTATG
GTCACTGGCCAGATGTCAATGAAGCCCTGGTGAAGGGTGAAGGCCATACAGATTGACACTTGGTTACA
GGTTATACCTCAGCTCATTGCAAGAATTGACACGCCAGACCCTTGGTGGCCGGCTCATTACCAGCTC
CTCACAGATATTGGTCGGTACCACCCACAGGCCCTCATCTACCCCTGACGGTGGCTTCTAAGTCTACCA
CCACAGCCCGTCACAATGCAGCCAACAAGATCCTGAAGAACATGTGCGAGCACAGCAACACGCTAGTCCA
GCAGGCCATGATGGTGAAGAGCTGATTCGAGTAGCCATCCTCTGGCATGAGATGTGGCATGAAGGC
CTAGAAGAGGCCCTCTCGTTGTACTTTGGGGAGAGGAACGTCAAAGGCATGTTTGAGGTGCTGGAGCCCC
TGCATGCTATGATGGAACGCGTCCCAGACCCTGAAGGAAACGTCTTTAATCAGGCATATGGTCGAGA
TTTAATGGAGGCACAAGAATGGTCCGAAAGTACATGAAATCAGGGAACGTCAAGGACCTCACCCAAAGCC
TGGGACCTCTACTATCACGTGTTCCAGACGGATCTCCAAGCAGCTACCACAGCTCACATCCCTGGAGCTGC
AGTATGTGTCCCCAACTTTTGTGTGACAGACCTTGAATTGGCTGTGCCAGGAACATATGACCCCAA
CCAGCCAATCATTGCAATCAGTCCATAGCCCCGTCTTTGCAAGTCATCACATCCAAGCAGAGGCCCTCGG
AAGCTGACCCGTGATGGGCAGCAATGGGCACGAGTTTGTCTTCTCCTGAAAGGCCATGAAGATCTGCGGC
AGGACGAGCGAGTGATGCAGCTCTTTGGCTGGTGAACACACTCTAGCCAATGACCCAACTTCTCTTCG
AAAGAACCTCAGCATCCAGAGATACGCCGTCTTCTCTGTCCACCAACTCGGCCTGATTGGCTGGGTG
CCCCACTGTGACACGCTGCATGCCCTCATCCGGGACTACAGAGAGAAGAAGATCCTGTGACATCG
AGCACCGCATCATGCTGCGGATGGCTCCTGACTATGACCACCTGACTCTGATGCAGAAGGTGGAGGTGTT
TGAGCATGCTGTCAACAACACAGCCGGGATGACCTGGCCAAGCTGCTGTGGCTGAAAAGCCCCAGCTCA
GAGGTGTGGTTTGACCGAAGAACCAATTAATACTCGCTCCCTGGCTGTATGTCCATGTTGGATACATTT
TAGGCCTTGGAGACAGGCACCCATCCAACCTGATGCTGGACCGGCTGAGTGAAAGATCCTGCACATTGA
CTTTGGGGACTGCTTTGAGGTTGCTATGACCAGAGAGAAATTTCCAGAAAAGATTCCATTTAGACTAACA
AGAATGTTGACCAATGCTATGGAGGTTACCGTCTCGATGGCAACTATAGAACCACATGCCACACAGTGA
TGGAGGTGCTTCGGGAGCACAAGGACAGTGTATGGCTGTGCTAGAAGCCTTTGTCTATGACCCCTGCT
GAATTGGAGGCTGATGGACACAAATGCCAAAGGCAACAAGCGTCCCAGAACAGGACAGACTCCTATTCT
GCAGGCCAGTCAGTAGAAATTTGGACGGTGTAGAACTTGAGAAACCAGCCATAAGAAAACAGGGACCA
CTGTGCCAGAATCCATCCATTCTTTTCATTGGAGATGGTTTGGTGAACCAGAAGCCTTAAACAAGAAAGC
TATTAGATTATTAACAGGGTTCGAGATAAGCTCACTGGTTCGGGATTTCTCTCATGATGACACTTTGGAT
GTTCCAACCAAGTGAACTGCTTATCAAGCAAGCGACATCTCATGAGAACCTCTGCCAGTGCTACATTG
GCTGGTGTCTTTCTGG

ACGCGTACGCGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR204376 representing NM_019906
 Red=Cloning site Green=Tags(s)

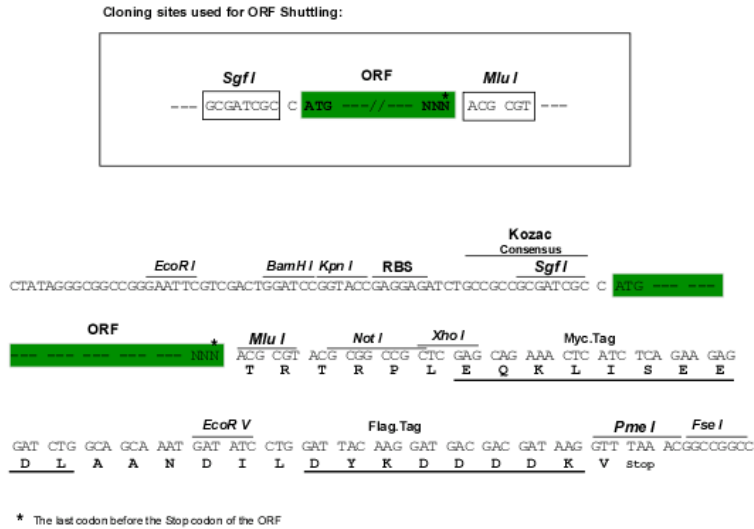
```

MLGTGPATATAGAATSSNVSVLQQFASGLKSRNEETRAKAAKELQHYVTMELREMSQEESTRFYDQLNHH
IFELVSSSDANERKGGILAIASLIGVEGGNSTRIGRFANYLRNLLPSSDPVMMEMASKAIGRLAMAGDTF
TAEYVEFEVKRALEWLGADRNEGRRHA AVLVLRELAISVPTFFFQVQPFDFNIFVAVWDPKQAIREGAV
AALRACLILTTQREPKEKQKQWYRHTFEEAEKGFDETLAKEKGMNRDDRIHGALLILNELVRISSMEGE
RLREEMEEITQQQLVHDKYCKDLMGFGTKPRHITPFTSFQAVQPQQSNALVGLLGYSSHQGLMGFGASPS
PTKSTLVE SRCCRDLMEEKFDQVCQWVLKCRSSKNSLIQMTILNLLPRLAAFPSAFTDTQYLQDTMNHV
LSCVKKKERTAAFQALGLLSVAVRSEFKVYLPRVLDIIRAALPPKDFAHKRQKTQVQDATVFTCSMLA
RAMGPGIQQDIKELLEPLAVGLSPALTA VL YDL SRQIPQLKKDIQDGLLKM LSLVLMHKPLRHPGMPKG
LAHQ LASPGLTTLPEASDVASITLALRTLGSFEFEGHSLTQFVRHCADHFLNSEHKEIRMEAARTCSRL
TPSIHLISGHAHVVSQTAVQVADVLSKLLVVGITDPPDIRYCVLASLDERFDAHLAQENLQALFVAL
NDQVFEIRELAICTVGR LSSMNP AFVMPFLRKMLIQILTELEHSGIGRIKESARMLGHLVSNAPRLIRP
YMEPIKALILKLDPPDPNPGVINNVLATIGELAQVSGLEMRKWVDEL FVIIMDMLQDSSLLAKRQVA
LWTLGQLVASTGYVVEPYRKYPTLLEVLNFKTEQNQGTREAIRVLGLLGALDPYKHKVNIIGMIDQSR
DASAVSLSESKSSQDSSDYSTSEMLVNMGNLPLDEFYPAVSMVALMRIFRDQSLSHHHTMVVQAITFIFK
SLGLKCVQFLPQVMPTFLN VIRVCDGAIREFLFQQLGMLVSFVKSHIRPYMDEIVTLMREFWVMNTSIQS
TIILLIEQIVVALGGEFKLYLPQLIPHLRVMFMDNSQGRIVSIKLLAAIQLFGANLDDYLHLLPPIVK
LFDAPVEPLPSRKAAL ETVDRLTESLDFTDYASRIIHP IVRTLDQSP ELRSTAMDTLSSLVFQLGKKYQI
FIPMVNKVLVRHRINHQR YDVLICRIVKGYTLADEEEDPLIYQHRMLRSSQGDALASGPVETGPMKKLHV
STINLQKAWGAARRVSKDDWLEWLRRLSLELLKDSSPSLRSCWALAQAYNPMARDLFNAAFVSCWSELN
EDQQDELIRSIELALTSQDIAEVTQTLNLAEFMEHSDKGPLPLRDDNGI VLLGERAAKCRAYAKALHYK
ELEFEQKGP TPAILESLSIINNKLQQPEAASGVLEYAMKHFGELEIQATWYEKLHEWEDALVAYDKKMDTN
KDDPELMLGRMRCEALGEWQLHQQCCEKWTLVND ETQAKMARMAAAAA WGLGQWDSMEEYTCMIPRDT
HDGAFYRAVLALHQDLFSLAQQCIDKARDLLDAELTAMAGESYSRAYGAMV SCHMLSELEEVIQYKLVPE
RREIIRQIWWERLQGCQRIVEDWQKILMVRSLVSPHEDMRTWLKYASL CGKSGRLALAHKTLVLLL GVD
PSRQLDHPLPTVHPQVTYAYMKNMWSARKIDAFQHMQH FVQTMQQAQHA IATEDQQHKQELHKL MARC
FLKLGEWQLNLQGINESTIPKVLQYSAATEHDRSWYKAWHAWVMNFEAVLHYKHQNZARDEKKKLRHA
SGANITNATTTATTAASAAAATSTEGSNSESEAESNESSPTSP LQKKVTEDSLKTL LLYTVPVAVQGFRR
SISL SRGNLQD TLRVLTWFDYGHWPDVNEALVEGVKAIQIDTWLQVIPQLIARIDTPRPLVGR LIHQ
LTDIGRYHPQAL IYPLTVASKSTTARHNAANKILKNMCEHSNTLVQQAMMVSEELIRVAILWHEMWHEG
LEEASRLYFGERNVKG MFEVLEPLHAMMERGPQT LKETSFNQAYGRDLMEAEQEWCRKYMKSGNVKDLTQA
WDLYYHVFRRI SKQLPQLTSLELQYVSPKLLMCRDLELAVPGTYDPNQPIIRIQSIAPSLQVITSKQRP
KLTLMGNSNGHEFVFLKGHEDLRQDERVMQLFGLVNTLLANDPTSLRKNLSIQRYAVIPLSTNSGLIGW
PHCDTLHALIRDYREKKKILLNIEHRIMLRMAPDYDHLTLMQKVEVFEHAVNNTAGDDLAKLLWLKSPSS
EVWFDRTNYTRSLAVMSMVG YILGLGDRHPSNLMLDRLSGKILHIDFGDCFEVAMTREKFPKIPFRLT
RMLTNAMEVTGLDGNRYRTTCHTVMEVLREHKDSVMAVLEAFVYDPLLNRWLM DMTNAKGNKRSRTRTDSYS
AGQSVEILDGVELGEP AHKKTGTTVPESIH SFIGDGLVKPEALNKKAIQI INRVRDKL TGRDFSHDDTLD
VPTQVELLIKQATSHENLQCQYIGWCPFW
  
```

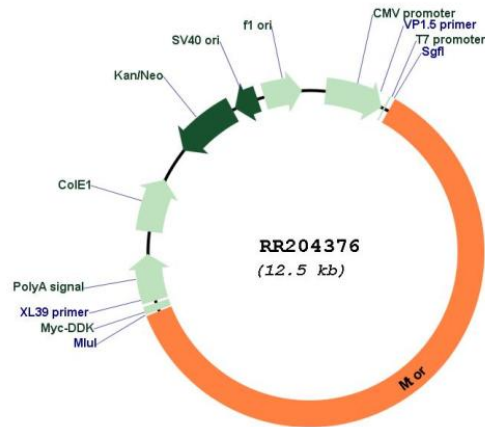
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_019906

ORF Size: 7647 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:	<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_019906.1</u> , <u>NP_063971.1</u>
RefSeq Size:	8554 bp
RefSeq ORF:	7650 bp
Locus ID:	56718
UniProt ID:	<u>P42346</u>
Cytogenetics:	5q36
MW:	288.8 kDa
Gene Summary:	binds the complex formed by the immunosuppressive drug rapamycin and its receptor FKBP12; may play a role in the cell cycle G1 to S transition [RGD, Feb 2006]