

Product datasheet for **RR200092**

Tacc2 (NM_001004415) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tacc2 (NM_001004415) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Tacc2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR200092 representing NM_001004415
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGATCGCC

ATGGGCAACGAGAACAGCACCTCGGACCACCAGAGGACTTCTTCAGTTCAGAGTCTAAGATCACTGCAGC
 CACCCGGGAACAGTCAAACCTCCACAGAAGCAAGGAGACTCACCTGGATCCGGCGCTGCAAGCACTGGGT
 TGGAGCCTCCTGCTCTGCTTCTGAAAGTGTGCCAGCCTGGATCCGAGCACTGTGTCCCGAGAGTGGT
 AAGCCAGGGGAGCACCCACAGGAAGCCAGGACCCAGAAGATTCTCCACTGCCAGATCATCTCTGCCCT
 GGGAAACAGCCGTACCCCTCAGCCTCCATGCCTTTCACGGAGGGCCTCTCAGAAGTTGCTTGGCAAACCTC
 AGAAGCGGAAGTACCTGAAGATGGTCCCCTCACAAATCACCTTAGAGTGGAAACCTCCCCAACGGGCCA
 GGGGATATCTTACTGACATTTACTCCTGAAGTGGATGGCCCCGACAGCGCACAGTGGCTGCCAGAACCC
 CCAGTGTGAAGGAGACCAAGAGCTGAAGGAAGAGGGACAGAGCTCATCTCCAGTTGCACTGGCCAATC
 GCCAGGAATTTCTTCCTCCTCCAGGACCAAAGACAGAGCTGCTCTATGGAAAGGGTACTGGCCT
 CGTGACTTTGAGTCCAAAGGAAAGATGATATCGACAATTGTTCTCCAGAGTCACTACTAAAGCCC
 CTGCTGCCACTCAGCCGGGGATGCAAAATTCAGCTGTCCTTGAGTGCCCCCAAACTTGAGACCATGGT
 CCCACAAGATTCAGTCTAAGATCCTCAGACAGTAAAAAGGCAGATCGGAAGTGCTACCTATGGATTTG
 GCCAAACACGTGGAAATTTCTCGGAGGCTGCCATCCCTCTAAAGGCAACTCTGGAGCTAACCTGGAGCAG
 GAACAAGCCCTGCCTCCCAGGAAAGCTGTGAGTGGAGTGGGAATGCCTCTGCCATCTGCAGAACTACC
 TTCAGGCCCAAGGCCTTACCACAGCAGGACAGACGGTGGCTCCTGGGAAGAGACTCTGGACACCAGC
 AGCGCTCAGAGCCAACCACAGACAGGGACATCAGGAGCTGAGCCCCAGCAAGTTGTCTGTGTGCCAGCAG
 CCAGCCAGCCGGTGGGAGCTTGTCTTGAGCGCAAGGCCCTGGATTCAGTGGAAACAGAGGAAAGACA
 TACGGCTTCAAGTCCCACTGCGCGCCTGACAGCTTGGAGTTCTACTGCCTCAGAAGAACCACGGAGGCT
 GTTCTGAGACGAAGATGTCAGTTTCTGCAGATCTGGCTGCCACAGGACAGATGGGTCCAGGGGTGGTGG
 AACTGAAGCCAACATCAGATCTTAGAAGAACACAAGAACAACCTCCTGAAGGTAGCTGCCTCCAGTGGGT
 TCCTGCGCCTTTCTTGCAGGGGGGAAATGATACAATCCAAGAAGGGCTGTTGCTGCCACCTTTCTCCCAT
 CAGGTTTCAAATGAAAGTTCTAGAAGTCAATGGGACCAACTGATGATCCCAAGGCTCCAAGAATACTG
 AAAATAGAGTTGTGGCTAGAGAGGAAAGCATACCGCATGGAGACAACCGTAAGGGACAGCAAGAAGCCAC
 CAGAGCCCTTGTGTTACAGAGCTTAGGAACCATGACAAAGAGAAGTCTCATGCCTTTCTGTCGAAGCCC



[View online »](#)

CGTGGGGACACTGAGAAAGATGACATTTTCAGAGCTACACAGTAATAAAGAGAACAAGATTGTCCCCAGCT
CGGACTCAACACAGCCACCTAGGCAGGAGGTTGCTGAATCCCATATGACCGACACAGCTACCTCACTGCA
CGAAGTCCACGAGGAGGACCCCATCCTGTCTCCGCATCGGATGGAACCTGGTGAGCACTTCTTCCCCAA
GATGCCATCTGGGAAAGTTCAAGATTGCAGACTGAAAGCTCTGTCATGCTTCAGGCCAGGGGAGGATTGG
AAGCAACAGAGTCACTTCTGTTTTAGAATCTGAGAAAGCGGATGCCCTGCCTGTACAGCTATGGAGGA
GGAGGCACCCAGAGCTGCGGAGATGGAGGATGTACTGGAAGTAAAGAAGGACCCTCACCTTGCATCAG
CCCTACAGCTGTGCCGGCAAGGCTTCCGATGTCCCCAGGCCAACCTTGTGGGCTGGAGAAGGTTGAAC
CTGGACAGGAAGATCATGCTGATACGTCACTCCCCCAATGGGAAAAATTCAACAATAGGCGACGGACT
TACCGTGCCCGTCTGGAACAAGACGGTCAGAGAAAACTGTCTGCCAGAGGCCAGTCTCCACCACCT
TTACAGAACCCTCTCTGTCTCACTCACTAGACCCAGATGCAGCCATCTCTGCTGTTCTCTGTGACAAGG
ACCAGTCACTACAAATGGGCAAAGGGCTTGTCTGTGTGGCCAGGTCTGAAGGAGCAGAGTACAGATCC
TTCTCCAATCCCAGTGTCTGAGGAAGGGAAAGCCTTGGGCAGAGCTGAGCTTGTCTACTCAAGGAGGAAA
GAACAGGGGTGAGAACTCCCTCAAAGGCAGCCTGTGCGATACTCAAGTTCATACCCAAGGGTACAG
TTCTGGGAGGGGACCGTCAGAGATGTCAGAACTGTCAACCCACTGGGACAAGAGCTGCCTGCACTAGG
GGGAAATGAGCAAGAGAACAACGGGCAGAAACAGTCAACCCCTCGGAGATCCAGCCTCCTTCAGCCTCTCT
ACAGGACACTCGGGTGGAAAGGATAGTTTCTGTGTTGGGCAAGGGCTGAGCAAGTCCCAACAGGAGCTGG
CTGATGCTTTGCAACAGGAAGCCAGCGTGAAGAAGCACGTTGTGGGGACTCGGGCATTCTGAAGCCAC
TGGCGTCTGCCTCCGCCTCGGGCTTGGAGAAGATAGAGACAGCAAGTGAACAATAGCGGAGGCCCCA
CCTGGTCCACCTGACTCAGTAGCTCTTTGGATACAGCATACTGCTCTCCAGACCCAGTGCCTACCAATC
CCGGAGTCGACCCGCCACGATGCCCTAGTGAGCGAGGCTGTGATGAGAGCCAGAAAGAGTCCGTTCC
ACAGCTGGATATGGAGCAGCGGGCCACCTTAGTCCAGAAGAACAGAGTCTCTTGAAGTTTCCGGAGA
GCAGAGGAACAAGATAGTAAAGAAGGATCAGCAGAGGTGAGTGTGATGCCAGCGACGGAGACCCCAAGA
TGCAGCAGGCGTCAGAGGCACCAAGCTGCTCTGAGTAGTGGCTTCTTCAGGCTGACCAAGGCTCCCT
CTCCACCCTGAAGGAGCCACGCCAGCCTGCGAAGCTTGAGCCAGCTGTGGGGATGCTTTGCTGCCAGCT
GGAGAATCGAATGGGATTCCAGAACTGTGGGTGTTCTGACACACCCGCTGTTTCAGGCCACAGA
GCCTTCTGCCGGCTGAACCACCTGAAGAGACTGTGCCTGACACCCCTTACCTGCATATCAGTGGTGTCTG
CAAGAAGGATGCCAAGATGCTAGCATGAGAGCTGTTTTCTGAGGACCCCGGAGCACCTCATGAAAGT
CCTATAAAGGAGCCTCCACCTGTGAAAACGACACCCCTGAAAAGAGCCCTGCTGTCTCTTACCACAG
ACTTGAACCAGGAAGTGCACATGGGAAATCTCCGTAGCAGGGGATGGCGATGGTATCCCCAAGCTGG
AACCAGTGAAGGACATGTGAGTCTCACGCCCTACCTGGACAGGATGCCTCTCTGGTGAAGATGAGCAG
GTGGCAAGAGAGATGCATGTGGCTGCCACCCAGAAACAATGCTAGGCCCTCTGAGACTGCAGTGTGCC
CTGCCAGCGAGGAAGCAGCAGGAGAGACAGGGGGCAGCAGAGAAAGGGCAGTAGAACTTACCCAGACCT
GATGGTTGTTACATCAGGTAGTGAAGGTGCAAGCTCCAAGCAGCCAGCGTAATCAAGGGGCTTCTGTAC
TTCAGGGAGCACATACCAAGATCTTTGAGCAGTCTGTGTTTGGAGCCCTGGCTGCTGATCGGACCCATA
GTGTGCCCTAGTAAAAAGTCAAGGATTCGAAGCAGTATGCTGGTTGAGGGCCCCGTGATCTCACTGGACTC
AGGGAAGCTTCCAGATGGGGTGAAGGAATGGCTGCTGCCCTCTCCCTGTACCTCCTGTAGGACTCCAG
GAAAGCTGATGGGTCTGGCGGAGGCAGCCTTGGAGGAGAGCTGCCAGGTGCCATTGTTGAAGGAGAGT
GACCCGTGTCCCACTGACAGTGACAAGTGAGAGGCTAGAGGGGACTGGGAGCCTGGCCAGGGAGCTCAG
GCTCACACACAGCAGGCAAGAAGCAGGCAGGAATTAAGTTGTGGTCTTCCCTCTTCAAAGCTGTTCAAG
GGGTACCTGCAGAACAGCTCCTGGCTTCCCTGTGGATCCCCAGAGTCATGCAGATGCAGATGAGGCTTC
TTCTCAAGGTGACAAAAGCCATTCTGTAAGAGTACCTGAAAACGCTGCCAGCAACAGTCCACACGGA
ATAAATGGTGCCAGGACTCTGTCCACACCAAGGGTCCAAGTAATCTATTAGGATCCACCTGTGCCCTGG
ATGGCTCTCTCTCATGGAAGTGTGTTGAATATGCCGAATCCAACAGTGAAGCCTGGATCCCTTCCAC
ACTTGGGGGTGAGAGACAGCTGGAAGCTGCTGTCTGTACCTCAGATAAGCAAAACGTGCTGAAAACCCAG
GATGGCCCCAAAATGTTGGCTAGAGAAGTGTGGCGATTCCCTGGGGCTAGCAACATGGCAGGAGCTG
CTGAGGAAGCAGAAGGTGATGTACCCCAAGCAGGCTGAGACGTGGGCAGAGGTGTCTGGTACCTCCT
TGAACAGGTAACAAGGATGCTTCCCATGAGGCAGGTGACTCAGCACCGCCTGGGAGCTATCGGGAT
TCAGGATGCTCCAACAGGACTCAGGTGATGGAGGACACAGCCACCTTCCAGGGGACAGCCAGGTTGGAT
GCCAGCAGGCCAAGGAACCGCTGGGCCCTCAACTCCCAGCTCCTTACGGGAAGACAGAGTGTCTTCCCC
TCCAGAGCCTGATGAAAGCAGTGACGAGAAGCTGCACCTCCTGGCTCCAGAAGTCTCACTGACAGCATC
CCTGGAACCAATGATGTCATCCAGTCAGCTGCTCCGAAGACCTGGGACACCCACCTTAGCTGATTCTT

CCCGCTATGGTGTACTGTCAGCTCAGTCTCTACACATCTGACAGTCCAGAGCACCTCCCCATCTGCTGC
 CCATGCAAGTCTTGCTCCTGTGGCCTCAGAACATGCAGCCTTGGCTTCCGCCGCAGCTGGTCTGGAGTA
 GAAACCCCACTGCCTCTGCCAACCTGGCCAGAACAATAACAGGAGTTCGACTCTGAGGAAGCCT
 TTGAGACCCCGAGTCAACAACCCTGTCAAAGCTCCACCAGCTCCTCCCCCTCCACCCCTGAAGTCAC
 CCCGGAGCCTGAGGTCAACACCAGCCCCAGAAGAACAGGATGCATTTCTGAGCCGGTCTGGTT
 CCCGATGGCCCTCGCAGCGAGTCCGTGGAAGGAAGCCCTTCCGTCTTCGACTCCTCCTCGCCGGTGT
 TCGATGAAGACAAGCCGATAGCCAGCAGCGGGACATAACAATTAGACTTTGACAGCATCGAGCTGGTGG
 TAACTTTCAGAGTTTGGAGCCATGCTCTGCCACTATAAGGGTCAGGAGTGAAGGTGAGCACGCGGAGG
 AAATCCACCGAGTCCGTGCCACCCTCCAAGACCAGCTGTCCCGCTCGCTCAGCCTGCAAGCCAGCGACT
 TCGACGGTCTTCTGTCGCCCGGAGCCCGAAGCTGGGACCCTTGCCACAGATGCGTGTGGCACAGGATC
 CAACAGTGCTTCTAGCACCTTAAGCGAACTAAAAAACACGGCCACCTTCTTAAAAAGAAACAAGCT
 ACCAAGAAACCCACAGAAACCCCCAGTGAAGGAGACCAACAGGAGCCAGGTGAAGAGAGTCCGGTGC
 CCAGTGAGGAACACTTAGCACCAGAGACAAGACAGAATCGGCCACACCTGAGGGCACTGGTTGCACCT
 GTCAGAAGAGACATCTCTGGAGTCTGCTGTGCCACAGCTACCTGTCCTCTGACTTTGGAGAGTGTG
 GAAGACGTTAGCCCTCTGGTTTCTGGAGGTGGCAGAGTGCAGAACTCACCCCTGTGGGGAGGAAATCAG
 TGCCCTTACCACAGCCTCTGAGGCACTGGAGGTGACGCTGCCGGACGGTGGGGGCAAGAGGACTTGCC
 TGCCAAAGGGCTGTCACTGAGGCTGGAGTTGACTACTCTGAGGCAAGGGAAGTTGGGAGAGTCAAGCAG
 GAGAAGCCCTCCACCAAAAAGATAGGCAAGAAGCCAGTTGCCAAAATGCCCTAAGGAGGCCAAAGC
 TGAAAAAGACCCAGAGAACTGGACAACACTCTGCCTCACCTCCAAGTCCCTGCTGAACCCAGTGA
 CATCCCTATTGCTAAAGTACCTACACCTTTGATATAGACAAGTGGGATGACCCCAATTTAAACCTTTT
 TCCTCCACCTCGAAAATGCAAGAGTCTCCACACTGTCCCAACAATCGTACAACCTTTGACCCGAGCCT
 GTGAAGAGTCCCTTGACCCTTTAAGGCATCCTTAAGACCCCAAGTTCACCTTCTAAATCCCCAGCCTC
 TTTCGAGATCCCAGCCAGCACCATCGAAGCGGACGGGGATGGTTGAATAAACCCGCAAGAGAAAG
 ACTCCATTGAAGACTGACACATTTAGGGTGAAGAAGTCTCCAAAGCGGTCTCCTCTGTCTGATCCGCCTT
 CTCAGGACCCACTCCAGCTGCCACACCGAAGCACCTCCAGTCTCTACCGTGGTCCACGCCACAGATGA
 GGAAAAGTTGGCCGCTACTAGCCAGAAGTGACATGTATGACAGTGGACTGGATGCTGACAAAACAGGAT
 TTCCCGCAGCCCTCAGACCTATCTAACTTTGTAATGAGACCAAAATCAATTCACCTCGGAGGAGCTGG
 ACTACAGAACTCCTATGAAATGAATACATGGAAAAGCTTGGCTCCTCCTTACCTCAGGACGATGACAC
 TCCGAAGAAGCAGGCCTGTACCTATGTTTGACACCCCTCAGGAGAGCCCGTCAAGTCTCCTCCGGTC
 CGGATGTCGGATCCCAACTCCATGTTAGGGTTCGAGTTTGGAGACACCGAAGCCCTGGTGAATGCAA
 CAGCAAAGCTCCAGCATCCAGTCCCTAGAGGGCTGGCCTCCAATCAGGAGCCTCTTTCAGCTGCCGGA
 AAAATCCTCCAGAAAGGAGCTGGAGGCCATGGCCTTGGGCACCCCGCAGAAGCAATTGAAATCACAGCT
 CCAGAGGGTGCCTTTGCCTCTGCAGATGCCCTCCTCAGCAGGCTGGCCATCCTGCTTCTCTGTGGTG
 CACTTGGCTATCTGGAGCCTGATTTAGCAGAAAAGAACCCCCAGTATTTGCCAGAAAATTCAGGAGGA
 ATTAGAGTTTGTGTCATGCGGATAGAAGCCTTGAAGCTGGCCAGGCAGATCGCCCTGGCTTCTCGCAGC
 CGCCAGGACACCAAGAGGGAAGCCACTCACCCACCAGATGTCTCCATCTCCAAAACCTACCTTGTACTCCC
 GCATCGGGCCACCGAGGTGGAGAAACCCCAAGCCTTCTGTTCCAGCAGCCAGACCTGGACTCTGCACT
 CCAAGTTGCCAGAGCAGAGGTCACTCGCAAGGAGAGAGAAGTCTCAGAGTGGAGGGATAAATATGAAGAA
 AGCCGGCGGGAAGTGGTAGAAAATGAGGAAAATCGTGGCTGAATACGAGAAGACCATCGCACAGATGATCG
 AGGATGAACAGAGAGAGAAGTCCATCTCCACCAACCGTGCAGCAGCTGGTGTGGAGAAGGCAAGC
 CCTGGCTGACCTGAACTCTGTGGAGAAGTCTCTGGCTGACCTTTCAGGCGATACGAGAAGTGAAGGAG
 GTGCTGGAAGGCTTTCGAAAGAATGAGGAGGTGCTGAAGAAGTGTGCACAGGAGTACCTGTCCCAGTGA
 AGAAAAGAGGAGCAGAGGTACCAGGCCCTGAAGGTGCATGCAGAAGAGAAAATGGACAGAGCCAATGCAGA
 GATTGCCAGGTTTCGAGGCAAGGCCAGCAGGAGCAGGCGGCCTACCAGGCTAGCCTGAGGAAGGAGCAG
 CTTGAGTGGATGCTCTAGAAAAGACGCTGGAGCAGAAGAATAAAGAGATAGAAGAACTCACAAGATTT
 GTGACGAACTGATTGCCAAAATGGGAAAAGC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGAT AAGGTTTAA

Protein Sequence: >RR200092 representing NM_001004415
 Red=Cloning site Green=Tags(s)

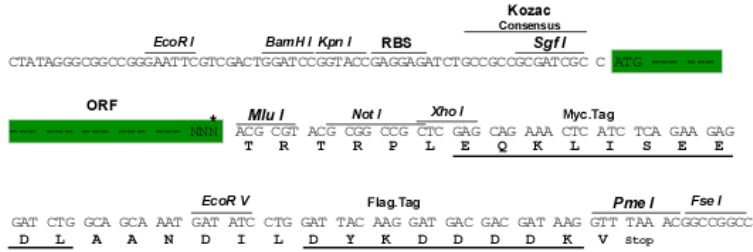
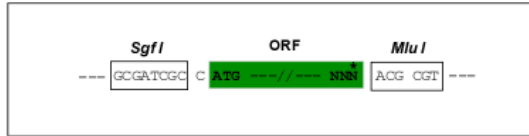
MGNENSTSDHQRTSSVQSLRSLQPPGNSQTPQKQGDSPGSGAASTGLGASCSASESVASLDPSTVSPVEVT
 KPGEHPQEARDPEDSPLPRSSLPWEQPYPSASMPFTEGLSEGCLANSEAEVPEDEGPLTNHLRVPESPNGP
 GDILLTFPEVDGPAQRTVAARTPSAEGDQELKEEGQSSSSSCTGQSPGISFVPLQEPKTELLYGKGDWP
 RDFEFQRKDDIDNCSSPESVTKAPAATQPGMQNSAVLECPKLETMVPPQDSVLRSSDSKGRSEVLPMDL
 AKHVEFLGGCHPSKGNNGANPGAGTSPASQESCQLRVGMPLPSAELPSGPQGLTTARADGGSWEETLDTS
 SAQSQPQTGTSGAEPQQVVCVPAASQPGGSLLLSAKAPGFTGTEERHTASSPTARLTAWSSSTASEEPTA
 VSETKMSVSADLAATGQMGPGVVELKPTSDLRRTQEPPPEGSCQLQWVPAPFLQGRNDTIQEGLLLPFSSH
 QVSNESRRSMGPTDDPKASKNTENRVVAREESIPHGDNRKQGEATRALAGTELNRHDKKESHAFRAKP
 RGDTEKDDISELHNSKENKIVPSSDSTQPPRQEVASHMTDTATSLHEVHEEDPILSSASDGTGEHFLPQ
 DAIWESSRLQTESSVMLQARGGLEATESLPVLESEKADALPATAMEEEAPRAEMEDVLEVKDHSPLHQ
 PYSCAGQGLPMSPGQPCGLEKVEPGQEDHADTSSPPNGKNSTIGDGLTVPRLEQDQQRKLSCEASLPPP
 LQNPLSSQLDPDAASAVLCKDKDQSPQNGQRAQLCGPGLKEQSTDPSPIPVSEEKGPWADVSLSTQGGK
 EQGSELPSKGSCLDTPSSSPKGTVLGGAPSEMSELSTPLQOELPALGGNEQENTGRNSQPSEIQPPSASL
 THGSGGKDSFCVQGLSKSQQELADALQTGSQREEARCGDSGISEATGVLPVPPRGLKIEIETASRNIAEAP
 PGPPDSVALLDTAYCSPDPVPTNPGVAPAHDALVSEACDESQKESVPLDMEQRTLGPPEEQSPLGFR
 AEEQDSKEGSAEVSVDASDGDPMQQAASEAPEAALSSGFFQADQSLPSTLKEPRQPAKLEPSCGDALLPA
 GESNGIPRSTVGLTHRAVSGPQSLPAEPPEETVPDTPYLHISGAACKDAEDASMRVAVFSEDPGAPHE
 PIKEPPPVENDTGKSPAVSFTTDLQPGTAHGEISVAGDGDGIPQAGTTEGHVSLTPYLDRMPLLRDEQ
 VAREMHVAATPETNARPSETAVCPASEEAAAGETGGSRRERAVELTPDLMVVTSGSEGASSKQPSVGLPLD
 FREHITKIFEQSVFGALAADRTHSVSPKSGVPSMMLVEGPVILSDSGKLPDGVQGMAAAAPLPVPPVGLQ
 VEKKQESGVKAESHVPVQDPAPEKLMGLAEAALEESLPGAIVEGEVTRVPLTVTSEERLEGTGEPGQGAQ
 AHTQQARSQELVVGLPSSKAVQVPAEPAAGFPVDPQSHADADEASSQDKSHSVKEYLETLPNSPHG
 INGAQDSVHTKGPSNLLGSTCALDGSPPHGSVLNMPESNSEPWPSTLGGERQLEAAVCTSDKQNVLENQ
 DGPKMLAREVLAIPGPSNMAGAAEEAEGDVTSPRPETWAEVSGDLLETGTTRMLPHEAGDSAPPGSYRD
 SGCNSRTQVMEDTATLPGDSQVGCQQAKEPLGPQLPAPYGKTSVSSPPEPDESSDEKLHLLAPEVLTDSI
 PGTNDVIQSAAPEDLGHPLADSSRYGVTVSSVSTHLTVQSTSPSAHAHLAPVASEHAALASAAAGPGV
 ETPTASCQHLAKNINRSSDSEEAFFETPESTTPVKAPPAPPPPPPEVTPEPEVIEPPAPEEPGCISEPVVV
 PDGPRSESVEGSPFRPSHSSAVFDEDKPIASSGTYNLDVDSIELVDFNSLEPCADYKQGECKVSTRR
 KSTESVPPSKTTLRSLSLQASDFDGCSPGSAEAGTLATDACGTGSNSASSTLKRKTKTRPPSLKQQA
 TKKPTETPPVKETQQEPGEEESPVPSEEHLAPETKTESATPEGTGCTLSEETSLESAAVPTATCPLTLESV
 EDVSPVLSGGGRVQNSPPVGRKSVPLTTASEAVEVTLPDGGGQEDLPAKGLSVRLEFDYSEDKGSWESQQ
 ENAPPTKIGKKPVAKMPLRRPKLKKTPKLDNTPASPPRSPAEPSPDIPAKGTYTFDIDKWDPNFNP
 SSTSKMQESPTLSQQSYNFDPDACEESLDPFKASSKTPSSPSKSPASFEIPASTIEADGDGLNPKAKKKK
 TPLKTDTRVKKSPKRSPLSDPPSQDPTPAATPEAPPVSTVVHATDEEKLAVTSQKWTMTVDLADKQD
 FPQPSDLSNFVNETKFNSPSEELDYRNSYEIEYMEKLGSSLPQDDDTPKKQALYLMFDTPQESPVKSPV
 RMSDSPTPCSGSSFEDTEALVNATAKLQHPVPRGLASNQEPLQLPEKSSQKELEAMALGTPAEAEIETA
 PEGAFASADALLSRLAHPASLCGALGYLEPDLAEKNPPVFAQKLQEELEFVAVMRIEALKLARQIALASRS
 RQDTKREATHPPDVSIKTTLYSRIGPTEVEKPPGLLFQQPDLDSALQVARAEVIAKEREVSEWRDKYEE
 SRREVVMRKIVAEYEKTAQMIEDQREKSIHQTVQQLVLEKEQALADLNSVEKSLADLFRRYEKMK
 VLEGFKNEEVLKKAQEYLSRVKKEEQRYQALKVHAEKLDRAEIAQVRGKAQQEQAAAYQASLRKEQ
 LRVDALETRLEQKNKEIEELTKICDELIAKMGKS

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

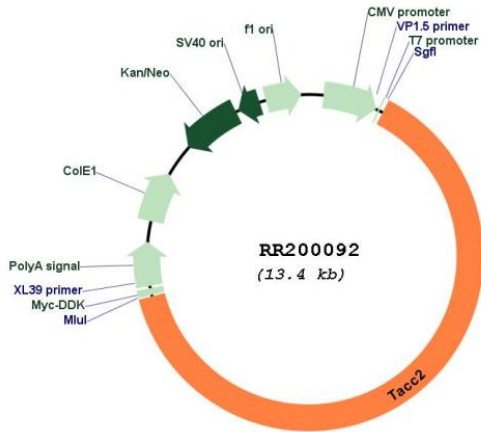
Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

Plasmid Map:



ACCN: NM_001004415

ORF Size: 8502 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:	NM_001004415.2 , NP_001004415.1
RefSeq Size:	9192 bp
RefSeq ORF:	8505 bp
Locus ID:	309025
Cytogenetics:	1q37
MW:	300.2 kDa
Gene Summary:	This gene encodes a member of the transforming, acidic coiled-coil (TACC) family of proteins. Members of this family are centrosomal proteins that interact with microtubules and tubulin. TACC proteins are thought to be involved in centrosome/mitotic spindle dynamics and gene regulation. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]