

Product datasheet for RC223264

TACC2 (NM_206862) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TACC2 (NM_206862) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	TACC2
Synonyms:	AZU-1; ECTACC
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RC223264 representing NM_206862 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**

ATGGGCAATGAGAACAGCACCTCGGACAACCAGAGGACTTTATCAGCTCAGACTCCAAGGTCGCGCAGC
CACCCGGGAACAGTCAGAATATAAAAAGGAAGCAGCAGGACACGCCCGGAAGCCCTGACCACAGAGACGC
GTCCAGCATTGGCAGCGTTGGGCTTGGAGGCTTCTGCACCGCTTCTGAGAGTTCTGCCAGCCTGGATCCA
TGCTTGTGTCCCCAGAGGTGACTGAGCCAAGGAAGGCCACAGGGAGCCAGGGGGCCAGAAGGTTCTT
TGCTGCCAGCCACCACCGTCCAGGAGCGAGAGCACCCCTCGTCTCCATGCCCTTTCGCCAGTGTCC
CCCGGAAGGTTGCTTGGCAAGTCCAGCAGCGGCACCTGAAGATGGTCTCAGACTCAGTCTCCAGGAGG
GAACCTGCCCAAATGCCCCAGGAGACATCGCGCGGCATTTCCCGCTGAGAGGGACAGCTCTACTCCAT
ACCAAGAGATTGCTGCCGTCCCAAGTCTGGAAGAGAGAGACAGCCGAAGGAAGAAGGACAGAAGTCTC
CTTCTCCTTCTCCAGTGGCATCGACCAGTCACCTGGAATGTCGCCAGTACCCCTCAGAGAGCCAATGAAG
GCACCGCTGTGTGGAGAGGGGGACCAGCCTGGTGGTTTTGAGTCCAAGAGAAAGAGGCTGCAGGTGGCT
TTCCCCCTGCAGAGTCCAGGCAGGGGGTGGCTTCTGTGCAAGTGAACCCCTGAGGCCCTGCTGCAGCCCA
GCAGGGCACAGAAAGCTCAGCGTCTTGAGAAGTCCCCCTAAAACCCATGGCCCCGATCCACCAAGAT
CCAGCCCCAAGAGCCTCAGACAGAGAAAAGAGGCCAAGGGGAGGCGCCGCCTCAGTATTTAACAGATGACT
TGGAATTCCTCAGGGCTGCCATCTCCCTAGGAGCAATTCAGGGGCTGCCCCAGAAGCAGAAGTGAATGC
CGCTTCCAGGAGAGCTGCCAGCAGCCAGTGGGAGCATATCTGCCGCACGCAGAGCTGCCCTGGGGCTTG
CCAAGTCTGCCCTGGTCCAGAGGCTGGGGCTCTGGGAAGGAGGCTCTGGACACCATTGATGTTTCAGG
GTCACCCACAGACAGGGATGCGAGGAACCAAGCCCAATCAAGTTGTCTGTGTGGCAGCAGGCGGCCAGCC
CGAAGGGGTTTGCCTGTGAGCCCTGAACCTTCCCTGCTCACTCCGACTGAGGAAGCACATCCAGCTTCA
AGCCTCGCTTTCATCCAGCTGCTCAGATTCCTATTGCTGTAGAAGAACCTGGATCATCATCCAGGGAAT
CAGTTTCCAAGGCTGGGATGCCAGTTTCTGCAGATGCAGCCAAAGAGGTGGTGGATGCAGGGTTGGTGGG
ACTGGAGAGGCAGGTGTCAGATCTTGAAGCAAGGGAGAGCATCCAGAAGGGGACCCCTGGAGAGGTTCTT
GCCCATCACCCAGGAGAGGGGAGAGCACTTGAACACGGAGCAAAGCCATGAGGTCCAACCCAGGAGTAC



View online »

CACCCCTCTCTTCCCAAGGAGCAAAGCCATGAGGTCCAACCAGGAGCACCACCCCTCTCTTCCCAA
 GGCACCAAGTGAAGTCCAGAGGGCCACCGGGCCAACGGATGGAGCCAAGTCCATGAAGATTCCACA
 AGCCCAGCCGTGGCTAAAGAAGGAAGCAGATCACCTGGTGACAGCCCTGGAGGAAAGGAGGAAGCCAG
 AGCCACCTGATGGTGGAGACCCAGGGAACCTGCAAGGAGAGGACTCTCAGGCTTTCAGCAGCAAGCGTGA
 TCCAGAAGTAGGCAAAGATGAGCTTTCAAAGCCAAGCAGTGATGCAGAGAGCAGAGACCATCCCAGCTCA
 CACTCAGCACAGCCACCAGAAAAGGGGGTCTGGGCACACGGACGGGCCCACTCTCAGACAGCAGAGG
 CTGATGCATCTGGCCTACCACACAAGCTGGGTGAGGAGACCCCGTCTGCCCTGTGCCAGATGGAGC
 TGGTGAGCCCACTGTTCCCGAAGGAGCCATCTGGGAGGGTCTGAGGATTGAGCCCAAATGCCTGACACC
 CTTTCAGAGCAGGAAGGATTGGGAAGAATGGAGTCTTCTGACTTTAGAATCAGAGAAATCAGATTTTC
 CACCAACTCTGTTCAGAGGTTGACCCCAAAGCCAGGAAGGTGAGAGCACATTGGAATAAGGAAGT
 GGGCAGCTGTGATGGGAGGGCTTGTGACGTCCCGAGATCAACCCCGCGGGCCGGCTGTGATGCGTCG
 AGACAGGAATTCATGCTGGGTGCCACATCCCCCAGGGGAGAACTTGGCAGCAGACCTGGGCTCA
 CGGCACTCATCTGGACCAAGATCAGCAGGGAATCCCCTCCTGCCAGGGGAAGGCTGGATAAGAGGAGC
 TGCATCCGAGTGGCCCTACTATCTTCTGAGAAGCATCTCCAGCCATCCCAGGCACAACCAGAGACATCC
 ATCTTTGACGTGCTCAAGGAGCAGGCCAGCCACTGAAAATGGGAAAGAGACTTCTCCAAGCCATCCAG
 GTTTTAAGGACCAGGGAGCAGATTCTTCCCAAATCCATGTACCTGTGAACTCAGGAAGATAACAACTT
 GCCCACTCATGGAGGACAGGAGCAGGCTTTGGGATCAGAACTTCAAAGTCAGTCCCAAGGCACCCCTG
 TCTGATACTCAACTTCTCCTCCACTGACATGGTTTGGGAGAGTTCTCTGACAGAAGAGTCAGAATTGT
 CAGACCAACGAGACAGAAGTTGCCTGCACTAGGGGAGAAGCGCCAGAGGGAGCATGCGGTGATGGTCA
 GTCTCGAGGGTCTCGCTCCAGCAGCAGATGTCTTAAAAGACTTTTCTCTTGCAGGGAACCTCAGCAGA
 AAGGAACTTGTGCACTGGGCAGGGCCAAACAAGTCTCAACAGGCATTGGCTGATGCCTTGAAGAAG
 GCAGCCAGCATGAAGAAGCATGTCAAAGGCATCCAGGAGCTTCTGAAGCAGCTGATGGTGTTCCTCACT
 CTGGGCTTGTAGTAAGAGGGAGATGGCAAGTGGAAACACAGGGGAGGCCCACTTGTGACGCTGACTCA
 GTAGCTCTCTGGATGCAGTTCCTGCTGCCAGCCCTGGCGCCGCCAGCCCGGAGTCAACCCAGCCACC
 AGGATGCCCCAGAGACAGAGGCATGTGATGAAACCCAGGAAGGCAGGCAGCAACCAAGTGCAGCCCGC
 GCAGAAAATGGAGTGTGGGCCACTTCGGATGCAGAGTCCCAAGCTTCTTGCAAGTTTCCCATCAGCT
 GGGGAGCAAGGTGGTGAAGCCGGGGTCTGCTGAGACTGGTGGCAGCGCTGGTGCAGGAGACCCAGGAAAGC
 AGCAGGCTCCGGAGAACTGGAGAAGTACTTTGAGTTGTGGCTCCTTCAGACTGAGCACTGCCTTAC
 CTCCGGGAGGAAGCTTCTACCTCTGCCCTACGTGAGTCTGCCAAGCTGAGCACCCATGGCCAGCTGC
 CAGGATGCCTTGTGCCAGCCAGAGAGCTGGTGGGATCCCAGGAGCACCATGGATTTTCTACACACC
 AGGCTGTCCAGACCCAAAGGAGCTCCTGCTGTCTGGCCACCAGAAGTGGCTGCTCCTGACACCCCTTA
 CCTGCATGTGACAGTGTGCCAGAGAGGAGCAGAAGACAGTGGAGTGAAGCTGTTTCTCTGACAGAC
 CCCAGAGCTCCTGGCGAAAGCCCTGTCTGTAGGGGAGCCCACTTGCCTTGAAAATGCTGCCTCCT
 TGAAGCTGTTTGTGGCTCCCTCGCCCCCTGTTGCAACCAGGAGCTGCAGGTGGGAAAATCCCTGCAGT
 GCAAGCCAGCAGTGGTAGTCCCAAAGCCAGAACCCTGAGGGACCAGTGGACTCCATGCCATGCCTGGAC
 CGGATGCCACTTCTGGCCAAGGGCAAGCAGGCAACAGGGGAAGAGAAAGCAGCAACAGCTCCAGGTGCAG
 GTGCCAAGGCCAGTGGGAGGGCATGGCAGGTGATGCAGCAGGAGAGACAGAGGGCAGCATGGAGAGGAT
 GGGAGGCTTCCAGGACCCAAAGCAGGGCACATCAGGTGGTGTGGACACAAGCTCTGAGCAAATCGCC
 ACCCTCACTGGCTTCCAGACTTCAGGGAGCACATCGCAAGATCTTCGAGAAGCCTGTGCTCGGAGCCC
 TGGCCACACCTGGAGAAAAGGCAGGAGCTGGGAGGAGTGCAGTGGGTAAGACCTCACCAGGCCATTGGG
 CCCAGAGAAGCTTCTAGATGGGCTCCAGGAGTGGATGTACCCTTCTCCTGCACCTCCTGCTCGACTC
 CAGGTGGAGAAGAAGCAACAGTTGGCTGGAGAGGCTGAGATTTCCCATCTGGCTCTGCAAGATCCAGCTT
 CAGACAAGCTTCTGGTCCAGCAGGGCTGACCTGGGAGCGGAACCTGCCAGGTGCCGGTGTGGGGAAGGA
 GATGGCAGGTGTCCACCCACACTGAGGGAAGACGAGAGGCCAGAGGGCCTGGGCGAGCTGGCCAGGC
 CTGGAAGGCCAGGCTTACTCACAGCTGGAGAGGAGCAGGCAGGAATTAGCTTCAGGTCTTCTTACCAG
 CAGCTACTCAGGAGCTCCCTGTGGAGAGAGCTGCTGCCCTCAGGTGGCTCCCCATGCCATGGAGAAGA
 GGCCGTGGCCAAAGACAGAATTCCTTCTGGAAAGCAGCACCAGGAAACATCTGCCTGCGACAGTCCACAT
 GGAGAAGATGGTCCCGGGACTTTGCTCACACAGGGTTCAGGACATGTGCAAGGTCCACGTGTGCC
 CTTCTCCTCAGAGGGAGGTTTTGACTGTGCCTGAGGCCAACAGTGAGCCCTGGACCTTGACACGCTTGG
 GGTGAAAGGAGACCCGGAGTCACTGCTGGCATCTTGGAAATGCGAAATGCCCTGGGCAACCAGAGCACC
 CCTGCACCACCAACTGGAGAAGTGGCAGACACTCCCCTGGAGCCTGGCAAGGTGGCAGGCCTGCTGGGG
 AAGCAGAGGGTGACATCACCTGAGCACAGCTGAGACACAGGCATGTGCGTCCGGTGTCTGCTGAAGC

AGGTAACGAGGACATTCTCCGTTGTGGCAGGTGACTTGGTGTGCCAGGAAGCTGTCAGGACCCAGCC
 TGCTCTGACAAGGCTCCGGGATGGAGGTACAGCTGCCCTTCATGGGGACAGCCAGCCAGGCCCCAGC
 AGGTAAGGAGCAGCCAGGGCTGAGCGCCCCATTCCAGCTGGGGATGGGAAGGTGTGCGTCTCCTCACC
 TCCAGAGCCTGACGAACTCACGACCCGAAGCTGCAACATTTGGCTCCAGAAGAGCTCCACACTGACAGA
 GAGAGCCCAGGCCTGGCCATCCATGTTACCTTCGGTTCCTAAGAAGGTGCTCCAAGAGTCATGGATA
 AAGTCACTTCAGATGAGACCAGAGGTGCGGAAGGAACAGAAAGTTCACCTGTGGCAGATGATATCATCCA
 GCCCGTGCCCCGACAGCTGGAAAGCCCACTTGTGCTTCCCTACCACGGTGTGTTGTTGGC
 CAGGTCTCTACGGATCTGATAGCCAGAGCATCTCCCAAGTGTGCCATGCGGGTCTTCCCTCCCTCGG
 CTGCAGAACACATAGTTTCGCCATCTGCCCCAGCTGGTACAGAGTAGAAGCTTCCACTCCCTCCTGCC
 AGATCCGGCAAGGACCTCAGCAGGAGTTCGATTCTGAAGAGGCATTTGAGACCCCGAGTCAACGACC
 CCTGTCAAAGCTCCGCCAGCTCCACCCACCACCCCGAAGTTCATCCAGAACCCGAGGTGAGCACAC
 AGCCACCCCGGAAGAACCAGGATGTGGTCTGAGACAGTCCCTGTCCCTGATGGCCACGGAGCGACTC
 GGTGGAAGGAAGTCCCTCCGTCACACTCCTTCTGCGTCTTCGATGAAGACAAGCCGATA
 GCCAGCAGTGGGACTTACAACCTGGACTTTGACAACATTGAGCTTGTGGATACCTTTAGACCTGGAGC
 CTGCTGCTCAGACGCTAAGAATCAGGAGGGCAAAGTGAACACACGGAGGAAGTCCACGGATTCCGTC
 CATCTTAAGTCTACACTGTCCCGTCCGCTCAGCTGCAAGCCAGTACTTTGATGGTGTCTTCTCTCA
 GGCAATCCCGAGGCCGTGGCCCTTGCCCCAGATGCATATAGCACGGGTTCCAGCAGTGTCTTAGTACCC
 TTAAGCGAACTAAAAACCGAGGCCCTTCTTAAAAAGAAACAGACCACCAAGAAACCCACAGAGAC
 CCCCCAGTGAAGGAGACGCAACAGGAGCCAGATGAAGAGAGCCTTGCCCCAGTGGGGAGAATCTAGCA
 TCTGAGACGAAACGGAATCTGCCAAGACGGAAGTCTTAGCCAGCCTTATTGGAGGAGACGCCCTTG
 AGCCCGCTGTGGGGCCAAAGCTGCCTGCCCTTGACTCAGAGAGTGCAGAAGGGTGTCCCCCGGG
 TTCTGGAGGTGGCAGAGTGCAGAACTCACCCCTGTGGGAGGAAAACGCTGCCTTACCACGGCCCCG
 GAGCAGGGGAGTAACCCCATCGGATAGCGGGGGCAAGAGGACTCTCAGCCAAAGGCTCCCGTAA
 GGCTGGAGTTTACTATTCTGAGGACAAGAGTAGTTGGGACAACCAGCAGGAAAACCCCTCTACCAA
 AAAGATAGGCAAAAAGCCAGTTGCCAAAATGCCCTGAGGAGGCCAAAGATGAAAAGACACCCGAGAAA
 CTTGACAACACTCCTGCCTCACCTCCAGATCCCTGTGAACCAATGACATCCCCATTGCTAAAGGTA
 CTTACACCTTTGATATTGACAAGTGGGATGACCCCAATTTTAACCTTTTTTCTTCCACTCAAAAATGCA
 GGAGTCTCCAAACTGCCCAACAATCATACAACCTTTGACCCAGACACCTGTGATGAGTCCGTTGACCCC
 TTTAAGACATCCTAAGACCCAGCTCACCTTCTAAATCCCCAGCCTCCTTTGAGATCCAGCCAGTG
 CTATGGAAGCCAATGGAGTGGACGGGATGGGCTAAACAAGCCCGCAAGAAGAAGACGCCCTAAA
 GACTGACACATTTAGGGTAAAAAGTCGCCAAAACGGTCTCCTCTCTGATCCACTTCCAGGACCCC
 ACCCCAGCTGCTACACCAAGAACACCACAGTATCTGCGGTGGTCCACGCCACAGATGAGGAAAAGC
 TGGCGGTCAACCAACAGAAAGTGGACGTGCATGACAGTGGACCTAGAGGCTGACAAAACAGGACTACCCGCA
 GCCCTCGGACCTGTCCACCTTTGTAACGAGACCAAAATCAGTTCACCCACTGAGGAGTTGGATTACAGA
 AACTCCTATGAAATTAATATATGGAGAAAATGGCTCCTCCTTACCTCAGGACGACGATGCCCGAAGA
 AGCAGGCTTGTACCTTATGTTTACTTCTCAGGAGAGCCCTGTCAAGTATCTCCGTCGCGATGTC
 AGAGTCCCCGACCGCGTTCAGGGTCAAGTTTGAAGAGACTGAAGCCCTTGTGAACACTGTGCGAAA
 AACAGCATCCTGTCCCAGGAGACTGGCCCTAACCAAGAGTCAACTTGCAGGTGCCAGAGAAATCCT
 CCCAAGAGGAGCTGGAGGCCATGGCTTGGGCACCCCTCAGAAGCGATTGAAATTAAGCTCCGAGGG
 CTCTTTGCTCTGCTGACGCCCTCCTCAGCAGGCTAGCTACCCCGTCTCTCTGTGGTGCAGTGGAC
 TATCTGGAGCCGACTTAGCAGAAAAGAACCCCACTATTGCTCAGAAAACCTCAGGAGGAGTTAGAGT
 TTGCCATCATGCGGATAGAAGCCCTGAAGCTGGCCAGGAGATTGCTTTGGCTTCCCGCAGCCACCAGGA
 TGCCAAGAGAGAGGCTGCTACCCAACAGAGCTCTCCATCTCCAAAACAGCCTTGTACTCCGCTCGGG
 ACCGCTGAGGTGGAGAACTGCAGGCTTCTGTTCCAGCAGCCCGACCTGGACTCTGCCCTCAGATCG
 CCAGAGCAGAGATCATAACCAAGGAGAGAGAGTCTCAGAATGGAAAGATAAATATGAAGAAAGCAGGCG
 GGAAGTGTGAAATGAGGAAAATAGTGGCCAGTATGAGAAGACCATCGCTCAGATGATAGAGGACGAA
 CAGAGAGAGAAGTCACTCTCCACCAGACGGTGCAGCAGCTGGTCTGGAGAAGGAGCAAGCCCTGGCCG
 ACCTGAACTCCGTGGAGAAGTCTTGGCCGACCTTTCAGAAGATATGAGAAGTGAAGGAGGTCTAGA
 AGGCTTCCGCAAGAATGAAGAGGTGTTGAAGAGATGTGCGCAGGAGTACCTGTCCCGGTGAAGAAGGAG
 GAGCAGAGGTACCAGGCCCTGAAGGTGCACGCGGAGGAGAACTGGACAGGGCCAATGCTGAGATTGCTC
 AGGTTCCAGGCAAGGCCAGCAGGAGCAAGCCGCCACCAGGCCAGCCTGCGGAAGGAGCAGCTGCGAGT
 GGACGCCCTGAAAGGACGCTGGAGCAGAAGAATAAAGAAATAGAAGAACTACCAAGATTTGTGACGAA

CTGATTGCCAAATGGGAAAAGC

AGCGGACCGACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

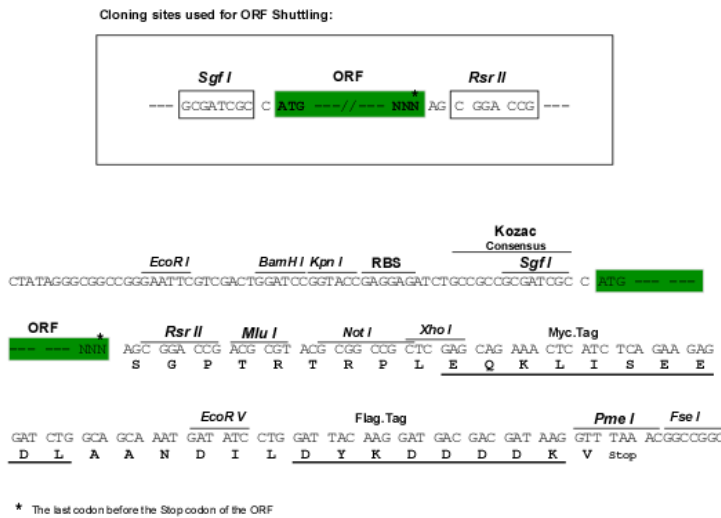
>RC223264 representing NM_206862
Red=Cloning site Green=Tags(s)

MGNENSTSDNQRTL SAQTPRSAQPPGNSQNIKRKQQDTPGSPDHRDASSIGSVLGGFCTASESSASLDP
CLVSPEVTEPRKDPQGARGPEGSLLPSPPPSQEREHPSSSMPFAECPPEGCLASPAAPEDGPQTQSPRR
EPAPNAPGDI AAAPFAERDSSTPYQEIAAVPSAGRERQPKKEEGQKSSFSSGIDQSPGMSVPLREPMK
APLCGEGDQPGGFESQEKEAAGGFPPAESRQGVASVQVTEAPAAAQQGTESSAVLEKSPKPMAPIPQD
PAPRASDRERGGQEAPPQYL TDDLEFLRACHL PRSNSGAPEAEVNAASQESCQQPVGAYL PHAELPWGL
PSPALVPEAGGSKEALD TIDVQGHPTGMRGTKPNQVVCVAAGGQPEGGLPVSPESLL TPTEEAHPAS
SLASFPAAQIPI IAVEEPGSSRESVSKAGMPVSADAAKEVVDAGLVGLERQVSDLGSKGEHPGDPGEVP
APSPQERGEHLNTEQSHEVQPGVPPPPLPKEQSHEVQPGAPPPPLPKAPSESARGPPGPTDGAKVHEDST
SPAVAKEGSRSPGDSPPGKKEAPEPPDGGDPGNLQGEDSQAFSSKRDPEVKGDEL SKPSSDAESRDHPSS
HSAQPPRKGAGHTDGPHSQTAEADASGLPHKLGEEDPVLPPVPDGAGEPTVPEGAIWEGSGLQPKCPDT
LQSREGLGRMESFL TLESEKSDFPPTVAEVAPKAQEGESTLEIRKMGSCDGEGLLTPDQPRGPACDAS
RQEFHAGVPHPPQGENLAADLGLTALILDQDQGI PSCPGEGWIRGAASEWPLL SSEKHLQPSQAQ PETS
IFDVLKEQAQPPENGKETS SHPGFKDQGDSSQIHVPVEPQEDNNLPTHGGQEALGSELQSQLPKGTL
SDTPTSSPTDMVWESSL TEESEL SAPTRQKLPALGEKRPEGACGDGQSSRVSPAADVLKDFSLAGNFSR
KETCCTGQGNK SQALADALEEGSQHEEACQRHPGASEAADGCSPLWGLSKREMASNGTGEAPPQDPS
VALLDAVPCLPALAPASPGVPTQDAPETEACDETQEGRQQPVAPQKMECWATSDAESPKLLASFPSA
GEQGGEGAAETGGSAGADPGKQQAPEKPGEATL SCGLLQTEHCLTSGEEASTSALRESCQAEHPMASC
QDALLPARELGGIPRSTMDFSTHQAVDPKELLLSGPPEVAAPDTPYLHVDSAAQRGAEDSGVKAVSSAD
PRAPGESPCPVGEPPLALENAASLKL FAGSLAPLLQPGAAGGEIPAVQASSGSPKARTTEGPDVSMPCLD
RMPLLAKGKQATGEEKAATAPGAGAKASGEGMAGDAAGETEGSMERMGEPSQDPKQGTSGGVDTSSQIA
TLTGFPDFREHIAKIFEKPVLGALATPGEKAGAGRSVAVGKDLTRPLGPEKLLDGGPPVDVTLPPAPPARL
QVEKKQLAGEAEI SHLALQDPA SDKLLGPAGL TWERNLPGAGVGKEMAGVPTLREDERPEGGAAWPG
LEGQAYSQLEERSQELASGLPSAATQELPVERAAAFQVAPHSHGEEAVAQDRIPSGKQHQETSACDSPH
GEDGPGDFAHTGVPGHVPRSTCAPSPQREVLTVPEANSEPWTLDTLGGERRPGVTAGILEMRNALGNQST
PAPPTGEVADTLEPGKVAGAAGEAEGDITLSTAETQACASGDLPEAGTRTRFSVVAGDLVLPGSCQDPA
CSDKAPGMEGTAAHGDSPARPQQAQEPGPERP IPAGDGKVCVSSPPEPDETHDPKQLHLAPELHTDR
ESPRPGSMLPSVPKADAPRMDKVTSDETRGAEGTESSPVADDIIQPAAPADLESPTLAASSYHGDVVG
QVSTDLIAQSI SPSAAHAGLPPSAAEHI VSPSAPAGDRVEASTPSCPDAKDL SRSSDSEAFETPESTT
PVKAPPAPPPPEVIPEPEVSTQPPPEEPGCGSETVPVPDGP RSDSVEGSPFRPPSHFSAVFDEDKPI
ASSGTYNLDFDNIELVDTFQTL EPRASDAKNQEGKVNRKRKSTDSVPI SKSTLSRSLSLQASDFDGASS
GNPEAVALAPDAYSTGSSSASSTLKRKKRPPPSLKKKQTTKKPTETPPVKETQQEPDEESLVPGENLA
SETKTESAKTEGSPALLEETPLEPAVGPKAACPLDSESAEGVVPASGGGRVQNSPPVGRKTLPLTTAP
EAGEVTPSDSGGQEDSPAKGLSVRLEFDYSEDKSSWDNQENPPPTKIGKKPVAKMPLRRPKMKKTPEK
LDNTPASPPRSPAEPNDIPIAKGTYTFDIDKWDDPNFNPFSSTSKMQESPKL PQQSYNFDPDTCDESVDP
FKTSSKTPSSPSKSPASFEIPASAMEANGVDGDLNKP AKKKKTPKTDTRFVKKSPKRSPLSDPPSQDP
TPAATPETPPVISAVVHATDEEKLAVTNQKWTCTMTVDLEADKQDYPQPSDLSTFVNETKFSSTEELDYR
NSYIEIYMEKIGSSLPQDDAPKKQALYLMFDT SQESPVKSSPVRMSEPTPCSGSSFEETEALVNTAAK
NQHPVPRGLAPNQESHQVPEKSSQKELEAMGLGTPSEAIEITAPEGSFASADALLSRLAHPVSLCGALD
YLEPDLAEKNPPLFAQKLQEELFAIMRIEALKLARQIALASRSHQDAKREAAHPTDVSISKTALYSRIG
TAEVEKPAGLLFQPPDLDSALQIARAIEITKEREVSEWKDYEE SRREVMEMRKIVAEYEKTI AQMIEDE
QREKSVSHQTVQQLVLEKEQALADLNSVEKSLADLFRRYEKMEVLEGF RKNEEVLRCAQEYLSRVKKE
EQRYQALKVHAEKLD RANAIEIAQVRGKAQQEQA AHQASLRKEQLRVDALERTLEQKNKEIEELTKICDE
LIAKMGKS

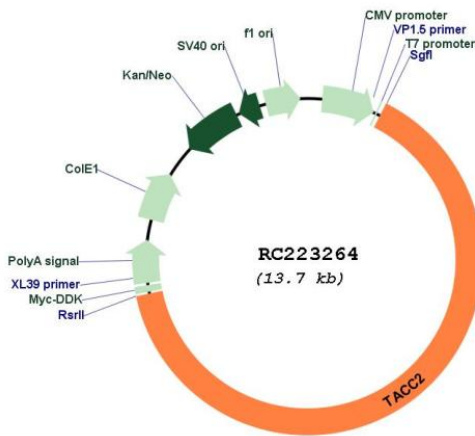
SGPTRRRL EQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-RsrII

Cloning Scheme:



Plasmid Map:



ACCN: NM_206862

ORF Size: 8844 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_206862.4](#)

RefSeq Size: 9706 bp

RefSeq ORF: 8847 bp

Locus ID: 10579

UniProt ID: [O95359](#)

Cytogenetics: 10q26.13

MW: 309.2 kDa

Gene Summary: Transforming acidic coiled-coil proteins are a conserved family of centrosome- and microtubule-interacting proteins that are implicated in cancer. This gene encodes a protein that concentrates at centrosomes throughout the cell cycle. This gene lies within a chromosomal region associated with tumorigenesis. Expression of this gene is induced by erythropoietin and is thought to affect the progression of breast tumors. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]