

Product datasheet for RC225602

TEDC1 (NM_001134876) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: TEDC1 (NM_001134876) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: TEDC1
Synonyms: C14orf80
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC225602 representing NM_001134876
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGGAGGCGGCGCAGCGGTGGACCCCGGGCTGGGGCCCGGGCCGGGGCCCTGCCTGAGGCCATCG
 CCGCGTTGAGTCGGTCGCTGCCCTCGGGACCCAGCCCGAGATCTCCGCCGCGCCAAGTTCGACCGTCC
 GGAGGCGACCTCCGCGCTCTGGCAGCTCCTTCCGTGTGCTCTCGCCACTCCCTGCGGGCAACGCCTG
 GCATCGCTCGCCCTGGAGGTCCAAGCCCGTTGGTGAAGTCAGCACTATGCTCCCAGGGTACCCGAGGC
 TGGCACTGGCACAACTACCTGAGGATGGCTCGCAGGGCAGTCGGGAGCTGCTGCTGGCTCTGTCTGGCT
 CTGGCCCCGAGGACCTGTGCCCGAGCAGATGCTGGCCCCAGGCCGAGTGCCTCTGGGTGACGAGATGACT
 GTGTGCCAGTGTGAGGCCCTGGCCAGCCCTGGCCACCTGCACCCACATGGAAGCAGAGGGTCTGTGG
 ATGTCCGCCATGTGCAAGTGGCTGATGGAAAGTGCGGTCCGGTGGCGCCAGCTGGTGTCCAGTCAGCA
 GGAGCAGTGGCCCTCCTGAGCAAGCTGCTGCGGACTCTGGAGCGTGAGAACCAGCGCCTGGAGGCTGTC
 CTGGCGTGGCGGCGCTCTGAGCTGGTCTTCTGGCGGTGGATGGACACGGTCTGGGACCTGTGCCCCG
 AGGTGCCTGCTGAGCCTCACAGCCACCTTCTGCCCTGGGTCCCGAGCGCGGGGTGGCGAGTTGGA
 CCTGGTAGTGGGGAGCTGCAGGCACTGGAGGAGAGCTGCGGGAGGCTGCGGAGCGCAGGCGGGCCG
 TGGGAGCCAAGGCTGGAGGCTGTGGACGGGGCCAGAGTGGAGTGCCGCGCGGGCCCTCTCGGGAGG
 CTGTGGAAAAGGAGCTGGGAGCTCTACAGCAGTGTGGGAGCGAGACGGTGGCCCCGAGCCCAATGG
 GCCACACCGGCTGGTGGAGCAGAGGATGGGGCAGCAGGGGACCGGGACCTGCGGGCAGCTGTGGTGATC
 AGGACGCTGAGGAGCCAGGAGGCTGCCTGGAGCGGTGCTACGTCGACTACAGGGACAGTGTGGCAGG
 AACTGGCCAGGCTGGTGGGAGCCCGCCCTGGTCTCATCTGGATCCCGCCACCTGGACGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC225602 representing NM_001134876
 Red=Cloning site Green=Tags(s)

MGRRRQRVDPAAGARAGALPEAIAALSRSLSGPSPEIFRRAKFRPEATSALWQLLFRVLSPLPAGNAL
 ASLALLEVQARLVKSALCSQGYPRLALAQLPEDGSQGSRELLALSWLLARGPVPEQMLAQARVPLGDEMT
 VCQCEALASPGPPAPHMEAEGPVDVRHVQWLMGKLRFRWRQLVSSQQEQCALLSKLLRTLRENRLEAV
 LAWRRSELVFWRWMDTVLTGCAPEVPAASQPTFLPWVPERGGGELDLVVRELQALEEELREAAERRRAA
 WEAKAGGCGRGPWEWSAARRASREAVEKELGALQQCWERDGGPAQPHGPHRLVRREDGAAGDRDLRAAVVI
 RTLRSQEACLEAVLRRLQGQCRQELARLVGARPGLIWIPPPGR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8056_g12.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



* The last codon before the Stop codon of the ORF

ACCN: NM_001134876

ORF Size: 1179 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_001134876.1](#), [NP_001128348.1](#)

RefSeq ORF: 1182 bp

Locus ID: 283643

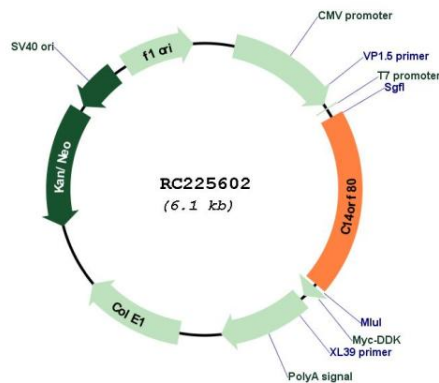
UniProt ID: [Q86SX3](#)

Cytogenetics: 14q32.33

MW: 43.2 kDa

Gene Summary: May play a role in counteracting perturbation of actin filaments, such as after treatment with the actin depolymerizing microbial metabolite Chivosazole F.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC225602