

Product datasheet for **MC214447**

Tacc1 (NM_199323) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tacc1 (NM_199323) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tacc1
Synonyms: 4833447E04Rik; AA960202; B230378H13Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC214447 representing NM_199323
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**C

ATGGCGTTCAGTCCCTGGCAGATCCTGTCGCCCGTGCAGTGGCCAAAGTGGACGTGGTCCGCGGTGCGCG
GTTCCGGCGCCGGAGAGGACGAAGCCGGAGTCCCGAGGGCGACCCCGAGGAGGAAGAGGACTCGCAAGC
CGAGACCAAATCCCTGAGTTTCAGGAGCGGCTGCAAAGTGAAGAAATACGAAGCTCAGCCTCTCGATTTG
GACGCGTGTCCAGGATGAAGGAGCCGTGATCTCGAAGATCTCAGAGATTCCTAACAGGGACGGCCACG
CGACTGATGAGGAGAAGCTGGCCTCCACGTCGTGCTGCTCAGAAGTCAGCGGGGGCTGGGGTCAAAGG
CATAGAAAAGGAGACATGCCAGAAGATGGAGAAAGAGGAACTGGCTGTGCATGGACTGCTGGAGTCTCT
TCAGAAAAGGCCCCCGTGTCTGTGGCCTGTGGGGGTGAGAGCCCCCTGGATGGGATCTGCCTCAGCGAAG
CAGACAAGACTGCCGTGCTCACGTTGATCAGAGAAGAGATAATCACTAAAGAGATCGAAGCAAATGAATG
GAAGAAGAAATACGAAGAGACCCGGGAAGAAGTTCTGGAGATGAGGAAAATTGTGGCAGAATATGAAAAG
ACCATTGCCCAAATGATTGAGGACGAGCAGAGGACAAGCATGAGTTCTCAGAAGAGTTCCAGCAGCTGA
CCATGGAGAAGGAGCAGGCGCTGGCGGACCTGAACCTGTGGAGAGTCCCTTTCTGATCTCTCCAGGAG
ATACGAAAACCTGAAAGGCGTGCTAGAAGGATTCAAGAAGAATGAAGAAGCCTTGAAAAAGTGTGCTCAG
GACTACTTAGCCAGAGTCAAGCAGGAAGAGCAGCGATACCAGGCCCTGAAGGTTACGCGAGAGGAAAAGC
TGGACAGAGCCAACGAGGAGATTGCTCAGGTTGCTCCAGGCGAAGGCTGAGAGTGGCCTCTCCATGC
CGGACTCCGGAAGGAGCAGATGAAGGTGGAGTCCCTGGAGAGGGCTCTTCAGCAGAAGAATCAAGAGATT
GAGGAGCTGACAAAAATCTGTGACGAGTTGATCGCAAAGCTGGGAAAGACCGACTGA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII
ACCN: NM_199323



Insert Size:	1107 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_199323.3, NP_955355.1</u>
RefSeq Size:	6581 bp
RefSeq ORF:	1107 bp
Locus ID:	320165
UniProt ID:	<u>Q6Y685</u>
Cytogenetics:	8 A2
Gene Summary:	<p>Involved in transcription regulation induced by nuclear receptors, including in T3 thyroid hormone and all-trans retinoic acid pathways. Might promote the nuclear localization of the receptors (By similarity). Likely involved in the processes that promote cell division prior to the formation of differentiated tissues.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) lacks an alternate in-frame exon in the 5' coding region, compared to variant 1. This encodes the short isoform, compared to the long isoform.</p>