

Product datasheet for **MC221540**

Tacc1 (NM_177089) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tacc1 (NM_177089) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tacc1
Synonyms:	4833447E04Rik; AA960202; B230378H13Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221540 representing NM_177089
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGTTCAGTCCCTGGCAGATCCTGTGCGCCGTGCAGTGGGCCAAGTGGACGTGGTCCGCGGTGCGCG
 GTTCGGGCGCCGAGAGGACGAAGCCGGAGTCCCGAGGGCGACCCCGAGGAGGAAGAGGACTCGCAAGC
 CGAGACCAAATCCCTGAGTTTACAGTCCGATTCTGAAGGTAATTTTGAAGTCCCTGAAGCTGAAACTCCA
 ATCAGATCGCCTCTCAAGGAGTCTTGTGATTATCACCGGGATTGGCAGAACCCGAGGCCAAACCCCAAG
 AATCTCGAGAAGCCGATGAACAGTTGGTAGCAGAAGTAATTGAAAAATGTTACCCGATACATGTTCTCG
 ATCTTCAGAAAATGAAGCGCCACAGGCGACCGTCCGATTCTCACCAGTCAAGGATGTCAGAGGGAAGGCG
 GAACACGATGTTAGCAAGATCTCAGTAGTGAGGCCGTTTCAATAGAAACCAGGAATTGTACAGATGACC
 CTGCGGCTCTGGGACAGCAGCAGCCATGGCTGTGTCCCGTGTCCCAGGCATGGCCTTGCTTCCAC
 CACACCCGAAGCCACTCAGGATGAGCCAGTGTGACAGAGGCATGGGGTTACATTGGAGGCTTTTACA
 GAAGCCAGTCTGAAGACTGGAGGACCCTGTCCAGAGCCCGTGGCCAGCAGAAGCAAGCTAAGAAAGCCCA
 AACCTGTCTCCCTGAGGAAGAAGATGGCCCTGAACCGGAAATGTTGATGGAGGGTTACCTCTCCCTAA
 GGCTTCTCCCATGGCTTCTGATGGCTTGGATCAGAACCGCAATCCTAGTGTGCTGAGAGGCTCGGGG
 GCCAGAGATCTCCCCTTAACCTTAAAGAAACAGCTGGTGTCTCAGTAAACGACACCAGTACTCGGGG
 TCGAGCTGCAGGGTGGGTCCAGGGACCCACCTCCAACCTGAGGATGATTTTACAGAAGATGGGAGAA
 TGTCAAGATCAGGAGCGCCCTCCGAAGCAATCTGGCAGGAAACCCAGTAACAACTGGCACCCAGTATA
 CGAAAAGATGGCGTCAGTAAGCCAGTAGGTGTGAGCAGCCTCAGACCCAAACAGTTCAAGATGCCTTGC
 TCGACCAGATGTCTCCTAAGCTAGATCCGAGTAAACGGAGTCATCCCCCGCTAATTTCTCGGGAGTGG
 CCCATTCTGCAGAACTCCCCACCCCTCTCCTCCAAATGCTCCCACCACCTTTGACCCAAATAACATTAAC
 ACTGATGACTCCGGGATCCCTGCAAGCAACCCAGCTTTGACAAGCAGCGGCTTTTGTCCCGCCACTG
 GTAATCATGTTAATGAAATCTTAGACTCACCAAGAAGGCAAAGTACGTTTAAATACGAGCGGCTGCAA
 AGTGAAGAAATACGAAGCTCAGCCTCTCGATTTGGACGCGTGTCCAGGATGAAGGAGCCGTGATCTCG
 AAGATCTCAGAGATCCCAACAGGGACGGCCACGCGACTGATGAGGAGAAGTGGCTCCACGTCGTCGT
 GTGCTCAGAAGTACGCGGGGCTGGGGTCAAAGGCATAGAAAAGGAGACATGCCAGAAGATGGAGAAAGA
 GGAAGTGGCTGTGCATGGACTGTGGAGTCTCTTCAGAAAAGGCCCCCGTGTCTGTGGCTGTGGGGT
 GAGAGCCCTGGATGGATCTGCCTCAGCGAAGCAGACAAGACTGCCGTGCTCAGTTGATCAGAGAAG
 AGATAATCACTAAAGAGATCGAAGCAATGAATGGAAGAAGAAATACGAAGAGACCCGGGAAGAAGTTCT
 GGAGATGAGGAAAATTGTGGCAGAATATGAAAAGACCATTGCCCAAATGATTGAGGACGAGCAGAGGACA
 AGCATGAGTTCTCAGAAGAGTTTCCAGCAGCTGACCATGGAGAAGGAGCAGGCGCTGGCGGACCTGAACT
 CTGTGGAGAGGTCCTTTCTGATCTCTTCAGGAGATACGAAAACCTGAAAGGCGTGTAGAAAGGATTCAG
 GAAGAATGAAGAAGCCTTAAAAAGTGTGCTCAGGACTACTTAGCCAGAGTCAAGCAGGAAGAGCAGCGA
 TACCAGGCCCTGAAGGTTACGCAGAGGAAAAGCTGGACAGAGCCAACGAGGAGATTGCTCAGGTTGCT
 CCAAGGCGAAGGCTGAGAGTGCCGCTCTCCATGCCGACTCCGGAAGGAGCAGATGAAGGTGGAGTCCCT
 GGAGAGGGCTCTTCAGCAGAAGAATCAAGAGATTGAGGAGCTGACAAAAATCTGTGACGAGTTGATCGCA
 AAGCTGGGAAAGACCGACTGA

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII
ACCN: NM_177089
Insert Size: 2331 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:	NM_177089.5 , NP_796063.3
RefSeq Size:	7805 bp
RefSeq ORF:	2331 bp
Locus ID:	320165
UniProt ID:	Q6Y685
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 (1) represents the longer transcript and encodes the long isoform.</p>