

Product datasheet for **MC219553**

Ttc41 (NM_153595) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ttc41 (NM_153595) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ttc41
Synonyms:	AI449705; AU041509; Gnn
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC219553 representing NM_153595
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGCGACGAGGCAAGTGAGACCGGACAAAGATACAACGGTCAACCCATTTTAAAGCGCCAGAACC
 TCCTACCTTACATATGTTCCACTCTAGATTTTCAAGAAGAGAGACTTTTTGGCCAAAAGCATCTTCCC
 TCGGCTTAATGACATCTGCAGCTCCCGGGCACCTACTTCAAAGCTGTGGACTTGAGATGGTCAGCTGTG
 AAGGCCATAAGTCCTTACCAGCAACCAGTTCGACAGTACTCCTGTCTCCAGTCTCAACACCTGAAAC
 TCTCCCTGGACTACGTGAACAGATGCTTCCCGTTTTTCATCGGCCTGCTGGGCGAGACTACGGAGATT
 CCTCCCGACTACACACCTTTCTGTTATCCCAAGTGAAGGACTTCGAAAGTTTATCCAAGGAGAACAG
 AATCTATACATTGCTGCCAAAAATGGTTACCCTGGGTTCTCAAGACTCCCAACTGCAGCCTGACAGAGT
 TCGAGATCATCCAAGCAGTATCCGGAAGAAATCTCAATTTCAATTTTCTACTCCGGACATCAAATTC
 GCTGCTGCGAACTTTAATGAGGAAGAGGAGGAGGAAGAGGAGAAGCTGTCTCAGCATATCTGTTGAAC
 GAACAGGGGAAGATGAAGTTGGAAAGCTCAAGGCTAAGATCATTGGCAAAGGGCTTCTGTGAGATTCT
 ACAGAGACCTGGAGGAAGTGGGGATATGGTTTGAAGGACTGGTTCGGCTGTTGTGGAAGGCTCTATCC
 ATTCACTACGATCATGGGAAATATAGACTACAAACACAGTTTCGAGAATTTGATCATGAAGAGTTTGTG
 GAGAACTGCAAGCAAGTTTTGTTACTTCCAAGGAGTCAAACAGAACCTTTGAAATATTGAAAGATTTG
 CTATAAAGATCTTGATCTTGATCTTGATACTGACAGTACTATAGCAGGTTCCGGGTTAGACTCCATTCT
 CAGAATCAATTCCTTCCAAGTGAAGTCCATTTGCTCTTGTCTGGGGAACCGCGCTGTGGGAAGTCC
 ACACTGATTGCCAACTGGGTCAGTAATTTCAAAGCAAACACCCCGGAGTGTGATGATCCCATACTTTG
 TGGCAGTACGTGTGAGAGCTGTGACATCATGTCTGTGATCCACTACTTCGTCATGGAGCTTCAGCACAG
 AGCCAACGGTCCCGGCTTGAATGGATTTCTTAAACGAGGACTCAAATGTCTTGGTCTTTTCACTTCTC
 GTAGAAGTGTTCATAGCCGCCATAAGCTTAAAGCCATGCATCCTGGTACTAGACGGGATCGAAGAGCTGA
 TCGGTATCTATGGGATTTAGGTCAGAAGGCGAAAGATTTCTCCTGGCTGCCGCGCTCCCTGCCTCCTCA
 CTGTAAATTCATTCTGAGCAGCTCTCCTCCAGTCTGTCTGCAAGTCTGTGTGCCCGCCCTGACGTG
 AAGATCGTGGAACTCAACAGCATCGGGACGAAGACCAAGTTCAACATCTTCAGACAGCACCTCTCCC
 CTGCCGACCAAGAACGCTTCGGGACAGCAAGCCATTTTGAAGGAAGAAACCAACCTGAGCCCTCTGAA
 GCTCGCAATCATGCCAGCGAGCTGCAGGAGTCAAAAATCTACCGCAATGAGTTCAGTGTCTCCGGGAG
 TACTTGGAGGTTGCTCTGTGCAGGAGCTTGGGAGTTGATTCTGAAGCGCTGGGTTGAAGATTATAGTT
 GGACTTTGAAGCCTAAAGACACAACCTCTAGACACCGTGATTCCAGGTGT**GTA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_153595
- Insert Size:** 1803 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:

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_153595.3](#), [NP_705823.3](#)

RefSeq Size: 2360 bp

RefSeq ORF: 1803 bp

Locus ID: 103220

Cytogenetics: 10 43.07 cM