

Product datasheet for **MC228897**

Ttc16 (NM_001290566) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ttc16 (NM_001290566) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ttc16
Synonyms:	1200002K10Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC228897 representing NM_001290566
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACAGATCCTACAAAACGAAGGATGATAGGATCAACAGTGCCTGCCAAAGTCAGAGAGTACTATAACC
 AAGGCCATCAGTGCCTCCTACAAGAGGACTGGGAGATGTCTGTGCTGTTCTTCTCCCGTGCCTCCACCT
 GGACCCAAAACCTGGTAGACTTCTATGTATTCCGTGCTGAGGCCTTCATCCAACCTGTGACTTCTCTCT
 GCCCTCCAGAACCTCCGCAGGGCCTACTCCTATGACCCAGGGAATAACAAGTACCTGAACCGGCTGGCCT
 TTGTGCTCTACCTACAGGGTCAGTGCCTGTATGAGCTGTGTGACTTCCAGGAAGCCCTCTGTGTCTTCT
 GCAAGCCTCCGACCTCCAGCCCCAAAACGCTTCTTTCAGTTACCGATGCATGGCCTGCCTGCTGGCCCTC
 AAGCGGTATCACGACTGCCTCGCCCTCATCACTAGGGAGGTGAAGCAGGGCAGGGCCAGCGCTGATGTCT
 ACATCCTCCGGGCTCGGCTCTACAACCTTCTCCAGAAGGCCAAGCTCTGCTATCAGGACCTTCGAAGCGC
 CTTGCTCTAGATCCCTTGCACGCACAGGCCAAAGGGCTACTCCAGAAGATGGTGGACCAGGCCAAGCAG
 TCTCTCCAAGATGCCAGCACCTGGCCGTGCAGGGCAAGGTGCACCGTGCCTGAAGTGCATCAACTGTG
 CCATTGAGAACAATCCCCTGGATCCCAACTTCTTCTTCTTCCGGGGCACCTTGCCTGAGACGGCTCCAGCA
 ATTTGACCATGCTGTGGAAGACTTCTGAAGGCAATGGACATGGTACTGACACCCAGGACAACCTAGTG
 AAGCAGGCGCAGCGTCAGCTGCTGCTGACTTACAATGACTTTGCTGTGCACTGCTACAACCATGGTGCCT
 ATCAGGAGGGCGTGTGCTGTGAACAAGGCTATCAGAGACGAGCAGAATGAGAAGGGCTTGTACATCAA
 CCGTGGGATTGCTTCTCCAGCTGGGCAACCTGGCCTTCGCGGAGGCTGACTACAAGCAAGCGCTGGCC
 CTGAGCCCGCTGGATGAAGGAGCCAACCTGCGCATGGGTGTGCTGCAGGAGAAGCTGGGCTTCTGCCAGC
 AGAAACACAGGCAGTTCAGACAGCAGAGGAGCACTTCTCGGAGGCCATAAGGCACAGCCCTCAGAAAC
 ACAGTACTACCTGCACCGGGCCAAGTGCCGACAGTTCTGCAGAACAACCTTGGGGGCCCGCTGGATGTC
 GCTACTGTACTGCTTCTCAATCCCGAGTATCCCAAGATGGCTGCAGTGTGAACACCCTCTTTCCTAGCA
 TGACTGTGGAGAATGTGCTTAAGTCCCAAGTGGCCGAACCTGGCCAAGCTCCAGCTAAGTCGGATGATAGA
 AAATGGGCCGAAGAACATCTACCCTCAGAGCACTGTGGTGCAGCGGTTATTGGAACGCAGGAAAGCCCAA
 GTCCTGGTGAAGCTCTGGAAGCAGGAACGCTTGGGACCCTGAAGAGGAAGTACTCTTTACCAGGCTC
 CGCAGCTGGCAGAGGAAAAAAGGTGAAAACCGCTCGCAGAAGGACATCCCTGACAGACAGCTATGCGGA
 CCAGACCTCCTCAGGCTCCGTCTTAGCATTGTGAGCATCAGCACGTCCGGGCCAGAGATGTCAACCAGT
 CAGGAGTATAAGAGCTCTCCCACACGGCTATAGAATCCTCTGAGTCCACACTGCTAAAGCCTCAGCTCT
 CAGTACCCAGGAAGAGCCAGGAACCTGACCTGGAGCCCCAAGGTCTCCAGGCAGTCACAGAGAACCTAAT
 CCAGAACGCCACTGAGGTACACCTGCCTATGGCCAAAGGGACTCCAAAAAGGCCACCCAAGTCCCAAAG
 CCCAAGAAGACAGAGGATCCCAAGGATCCTAGCCAGAGCACCAGCACGACAGAAGCCCTGAGGGCCCAA
 GGCTAGCAAGTCCAGGTCTACCCTGAGCGTAAAGGAGAGAATCAGAAGAGCTAAGGCTGTTTCGCGCCCA
 GGGCTGGAAACTCAAGGCCAGCGCAGCAGCCAGAAAAGTAAACAAGACTCCAGCCTGACCCACAGCACG
 ACCCATAGTGACATTGGTGAAGTGCATGATACCCCGGGCCAGACTCCATGGCCAGCAAGGCTGCTG
 ATAGCTTAAGCTTCAGTGAGATCTGTCAACAGATCTCAGCAGTGTGAAAGCTTCTTGGAACTGACTAA
 CCTTTAACTCAGGAAGTCCAACAGATCCAGGAGACAGAGAGAAGCTCACCTCTGACGAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001290566
Insert Size: 2304 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001290566.1</u> , <u>NP_001277495.1</u>
RefSeq Size:	2691 bp
RefSeq ORF:	2304 bp
Locus ID:	338348
UniProt ID:	<u>Q8C1F5</u>
Cytogenetics:	2 B