

Product datasheet for **RN210917**

Ttc12 (NM_001004246) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ttc12 (NM_001004246) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ttc12
Synonyms:	MGC94947
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN210917 representing NM_001004246

Red=Cloning site Blue=ORF Orange=Stop codon

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**C

 ATGGCTGATGATCAAGAGAGAGACTTGCAGAGATTCTGGAAAATGTGGATGAAATAACCAATTTAATCC
 AAGAGATGAATCCGATGATCCCTTCATACAGCAGAAAGCTGTCTGGACACGGAAGAACTCCTGCT
 GATGGAGAGAGCAAGAGGAGGACGGGTGCAGGACCACTCTGAACAAGACCATGATCAGTCCTCCACAA
 GCTCCTGAGAATGCAATGAAATGAACCCAGATGCCTTCTTGGCATCTGTGGAGAAGGACGCCAAGGAAC
 GAGCCAAGAGAAGACGAGAAAACAGAGTCTAGCAGATGCCCTAAAGGAGAAGGGGAATGAGGCCTTTGT
 CAAGGGCGACTATGAAACAGCCATTTTCTTACAGTGAAGGGTTAGGGAAGCTCAAGGACATGAAGGTG
 CTGTACACCAACCGAGCCAGGCTTATATAAACTTGGGATTATCAGAAGGCTCTCGTGGATTGTGACT
 GGGCTCTCAAGTGTGATGAAAATTGCACAAAGGCTATTTCCACATGGGGAAGGCCCACTTGGCTCTGAA
 GAACTACAGCAAGTCTAAAGAGTGTATCAGAAGATCGGAGAGATAAACCCCAAGCTGAAGGCACAGGTG
 AAAGAACACCTAAATCAAGTAACCTTCGAGAAAAAGCAGATCTCCAAGAGAAGAAAGCCCGGGAATCTC
 TAGATTACAGAAAGAACACAGCCATGACAACAGAAATCTCCTGGAGACCCTATCCAAGCCCGGCCAGAC
 ACCCTTGTCTATGCAGGAGGCATTGAGATTCTGACAGAAATGATGACTGACTGCACAGAGCGAACACTG
 TTCAGAACATATGGTGGATTGAGCATCATCAATGACCATGAGGTCAATAAAGGTGCCTCTTCTTAGCAG
 GGAAAGATGCAGTTGAGGAGATTGTCTGCGTATCTGTTCTAAAGCTCTGGCAAGAAGTGTGATTGACAA
 CGAGGAGAACCAGCGCTGCTTTTGTCCACCCTGATATGGCCAAGCTGCTGCCTTCCTTCATGGACTCC
 AGAATCCTGGTGATTCAACAGCAGAGCCTGGCCCTACTGCTGCAGCTCACCCAGACGGATAATGGCCGA
 ACCAAGTGATCAAGCACCTTGACATGACCCGACTGTGTGAAGCATTGCTGTCGTTTCTTGACTTCTCAGA
 TAAGAAGGCCAATACGGCCATCGGACTTTTACAGATTTGGCTCTAGAAGAAAGATTCCAAGTGTGGTTC
 CATGCCAACCTTCCAGATGTCTCCCTGCTCTCACGGGTGCTCTGAAACGAGAGCCCAAGTTAACCAGCC
 CCTCGGCCCTCTGCCAGTGCATTGCTCTGATGGGAAACATCAGTGTGAGCCTACTGCCAGAAGACACAT
 GCTAGCCTATGAAGAGTTTGGGGATGCCTGCTTGGACCTCCTGGTCAAGTGTGAGGAGGACATGGACCTG
 TACAGAGAGGTCACCTATACTCTTAGGACTCATGAACCTTGTGCTTGAAGTCCCCTTCTCTCCG
 AGTCGTGGGCAATGAAGATAAGCCGGAAGTGCCTGTCTCTACTGAACAGCCAGGATGGAGGAATCTTAAC
 AAGAGCGGCGGGTGTCTGAGCCGACCTTTCTCTCTCAGACCATTGTGGAGGAGGCCCTGACAGCA
 GGAGTGGTCAAGAAAATGATTAATTCCTGAAGACGGGAGGCCCGACTGCATCACGTTATGCCATGAAGA
 CACTGGCTGTCTGCACAAACAGCTACCACGCAGCTCGAGAAGAAGTAATGAGACTTGATAAAAAGTTCAA
 TGTTTTGATGACACTGCTTGCTCAGAGGATGAAGTTGTGGTGGGCAATGCAGCCCTCTGCCTTGGAAC
 TGTATGGAAGTGCCAGTGCAGCCTCTTCTTGTGAAGACAGACATCATGAGGGTGTGTTGAAGCTGG
 CAGGCGGCGACTCACAGGAGACGGCTGTCCAGCTGAATGCAGGCATCGCTCTGGGGAAGCTGTGCACTGC
 TGAGCCCAGGTTGCTGTCCAAGTCAAGAGCTTCATGGGATACAAATACTCAACTCTACAATGAAACAC
 TTGAATGATTCT**TGA**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001004246

Insert Size:

2115 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:	<u>NM_001004246.2, NP_001004246.1</u>
RefSeq Size:	2236 bp
RefSeq ORF:	2115 bp
Locus ID:	300696
Cytogenetics:	8q23