

Product datasheet for **RN203645**

Ttc7a (NM_001100756) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ttc7a (NM_001100756) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ttc7a
Synonyms:	Ttc7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN203645 representing NM_001100756

Red=Cloning site Blue=ORF Orange=Stop codon

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

 ATGGCTGCGAAGGGCGCGCACGGCACCCACCTGAAGGTGGAGAGCGAGATGGAGCGCTGCCGCGCTGAGG
 GCCAGTGGGACCGCATGTTCCAGCTGGTCCGGCATCTGCAGGTGCTGGGCATTTCCGGCGCGCGCAGTAG
 CAACCGCGGAAGCAGCCCGAGCGCAGGTTTCATCTCTCTGGACACCGATGACTTTGGGAAATTTGCTGCTA
 GCAGAGGCCCTTCTGGAGCAGTGTGTAAGGATAACCACGACAAAATAAAAACTCCATCCCTTTGCTGG
 AGAAGACGGATTCCAGGCTGAACGAAGCCAGGGACCACTGAGCAGCATCCTTAACAATGGGAAGCTACC
 GCCACAGTACATGTGTGAGGCCATGCTGATCTTGGGTAAGCTGCATTATGTGGAGGGCTCATACCGGAT
 GCTGTCAGCATGTACGCCGGGCTGGGATCGATGACATCTCCGTGGAGGACAAGCCCTTGTATCAGATGC
 GGTGCTGTCGGAGGCTTTTGTATCAAAGGCCTCTCCCTGGAACGCCTGCCAACTCCGTCGCCTCCCA
 TATCCGCCTGACTGAGCGGGAGGAGGAAGTGGTGCCTGTTTTGAGAGGGCTCGTGGGTGGCTCAGGTG
 TTCTGTCAGGAGCTGGAGAAGACCTCAAACAACAGCACATCAAGACACCTGAAAGGCAGCTTGTCCGTTG
 ACTATGAATTGTCTACTTCTTGAAGCTGCCCTCCAGAGCGCGTACGTGAAGAACCTGAAGAAGGGGAA
 CATCGTGAAGGCATGAGAGAGCTCCGGGAGATTCTGAGGACCGTGGAGACCAAGCGACGAGAACTTC
 AAAGTGGTGGCAGCCAAGCACCTGGCAGGGTCTGCTGCACTCCCTGAGTGAGGACTGTTACTGGAGCC
 CCCTGTCCCACTTTGCCTGAGTTCATGAGCAAGGAGGAGAATCTTTCATCACTCAGACCTTCGGAA
 ACCTCACCTCTACGAAGGAGACAACCTCTACTGCCAAAGACACATAGAGGAGGCCCTTGTGTCTG
 CTCATCAGTGAGTCCATGGCAACTCGGGACGTGGTACTGAGCCGGGACCAAGAGCAGGAGGAGGACCGGA
 AAGTGAGCCTGCAGAATGCTTCAGCCATTTACGACCTCCTAAGCATCACACTGGGCGCGCGAGGCCAGTA
 TGTCTGCTTTCTGAGTGCCTAGAAGCAGCCATGAAGTATGCATTGGAGAATTTACCTTTGGTACCAA
 GTGGCCCTCTCCATGGTGGCTTGTGGGAAGTCAGCCTACGCCGTGCTGCTGCTACGTGAGTGCATGAAGT
 TGCAGCCCTCGAACCCACAGTGCCTGATGGCTGCCAAGGTCTGCATTGGGTCCCTGCACTGGCTGGA
 AGAAGCAGAACTTTGCCATGGTGGTAATTGGCCTTGGAGAGGAAGCAGGAGAGTTCTTGCCTAAAGGT
 TACCTGGCCCTGGGCTCACCTATAGCCTGCAGGCCACTGACGCCACCTGAAGTCCAAGCAAGTGAAC
 TTCACCGCAAGGCACTGCAGACACTGGAGCGAGCCCTGGAAGTGGCACCCGATGACCCCAAGATTATCTT
 CTATGTCTCCCTGCAGCTGGCCCTCGTCCGACAGATCTCAGTGTATAGAGCGTCTTCAAGAGGCCCTG
 ACGGTGTGCAAGGATGACGCAATGCCCTCCACTTGCTAGCACTGCTCTTCTCTGCCAGAAGCATCACC
 AACATGCCCTGGATGTCATCAACATGGCCATACCGAGCATCCTGAAAATTTCAACCTGATGTTACCCAA
 GGTGAAGCTGGAGCAGGTGCTGAAAGGCCCGGAGGAAGCCCTCGTGAATTGTAGGCAATGCTGCGACTG
 TGGCAGGCCCTGTACAATTCTCTCAGCTGGGGGGCTGGAAAAGGATGGCAGCTTTGAAGGCCCTCACAG
 TGAAGAAACAAAACGGGATTACCTGACTCTTCCGGACGCCATGACGCAGACTCTGGTTCTAGGCGGGC
 ATCATCGATTGCAGCCTCAAGGCTGGAGGAGGCCATGTCAGAGCTAACCATAAACGACCTCGGTCTAAAG
 CAGGGCCCCATGCAGCTGTGGACCACACTGGAGCAGATCTGGTCCAGGCTGCTGAGCTGTTTCATGGAGC
 AGAGACAACTCAAGGAAGCAGGTTTCTGCATCCAGGAGGCTGCTGGCCTCTTCCCACTCTCACTCGGT
 GCTCTACATGCGAGGCCGCTGGCTGAGGTGAAGGGCAGCTTTGAAGAGGCCAAGCAGCTGTACAAGGAG
 GCACTCACCGTGAACCCGATGGTGTTCATCATGCACAGCCTGGGGCTGATTTTGAAGTGGCTGGGCC
 ACAAGAGCCTGGCCAGAAGGTGCTGCGGGATGCCGTGGAAGGCAGAGCACCCACCACGAAGCATGGCA
 GGGCCTGGGTGAGGTGCTGCAGGACCAAGGCCACAATGAAGCTGCTGCTGACTGCTTCTCACCGCGCTG
 GAGCTGGAGGCCAGCAGCCCTGTGCTCCCTTCTCCATCATCGCCAGAGAGCT**TGA**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001100756

Insert Size:

2577 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_001100756.1, NP_001094226.1</u>
RefSeq Size:	4507 bp
RefSeq ORF:	2577 bp
Locus ID:	362696
Cytogenetics:	6q12