

## Product datasheet for **RN217077**

### **Ttc30a (NM\_001271494) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ttc30a (NM_001271494) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ttc30a
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN217077 representing NM\_001271494  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCGTGGCAAAGCAGCTCGAAAGTCCCGACGGTGAGTTCACAGCGGTGGTGTACAGGCTCATCCGCG  
ACTCCCGCTACTCAGAGGCGGTGCAGCTACTGAGCGCAGAGCTGCAGGGAGTCCCGCAGCCGCGCAGG  
GCTGTCGCTGCTGGCCTACTGCTACTACCGCTGCAGGAGTTCGAGCTCGCTGCGGAGTGTATGAGCAA  
CTGAGCCAGATGCATCCGGAACCGAGCAGTACCGCTGTATCAGGCCAGGCGCTCTACAAGCCCTGCC  
TGTATCCAGAGGCCACCCGGTGCCTTCTCTGGACAACCCACATCAGACTCGAGTCTTCTGCTCT  
GCAGGCTGCTATCAAGTACAGTGAAGGGGATCTCCAGGAGCCAGGAGCTTGGTGGAGCAGCTGCTGAGT  
GGGAAGCTGGAGAAGACAGTGGAGGGGAGAATGACCCAGATGGCTTGGTCAACATGGGTGTCTGCTCT  
ACAAGGAGGGACACTACGAAGCTGCCTGTTCAAGTCTTAGCGGCCCTGCAGGCTTCTGGTTACCAACC  
TGACCTTCTCAACTGGCTTTAGCCTATTACAGCAGTCGGCAGTATGCGCTGCTCTGAAGCATAATC  
GCTGACATCATTGAGCGTGGCATCCGTCAACACCCAGAAGTGGTGGGATGACCATTAAGGCATTG  
ATATTCGTAGTGTCCGCAACACTGCAGTCTTCATCAGACTGCTCTGATCGAAGCCTTCAACCTCAAGGC  
AGCCATAGAGTACCAGCTGAGAACTTTGAGGTAGCCCAAGAAACCTCACTGACATGCCACCCAGAGCA  
GAGGAAGAGTTGGACCCCGTGACCTGCACAACCCAGGCTCTGATGAACATGGATGCCAAGCCACAGAGG  
GCTTTGAAAAGCTCCAGTTTCTGCTCCAGCAAAACCCCTCCCCCAGAGACCTTTGGCAACCTGCTGCT  
GCTTTACTGTAATATGAGTATTTGACCTGGCAGCTGATGTTCTAGCAGAAAACGCCACTTGACTTAC  
AAGTTCCTCACACCCTATCTCTATGACTTCTGGATGCCATGATCACTTGCCAGACAGCTCCTGAAGAGG  
CTTTCATTAACCTTGATGGGCTAGCAGGTATGCTGACTGACCAGCTCAGGAGACTCAATAACAAGTCA  
AGAAGCAAGGCATAACAGAGACGATGAAATTATTAAGAAAGCTGGAATGAATATGACGAAACCTTGAG  
AAGTATATCCCTGTACTGATGGCCAGGCAAAATCTACTGGAATCTTGAGAATTATCAAAATGGTGGAGA  
AGATCTCCGCAAACTGTGGAATTCTGTAATGACCATGATGTGTGGAAGCTGAATGTGGCCATGTCTCT  
CTTCATGCAGGAAAACAAGTACAAGGAGGCCATTGGTTTCTATGAGCCATTGTCAAGAAGAATTATGAT  
AACATCTGGGTGTCAGTGTCTATCGTGTAGCTAACCTCTGTGTTTCTACATTATGACAAGTCAAAATG  
AGGAAGCTGAGGAGCTGATGAGGAAGATTGAGAAAGAGGAGGAACAACCTCCTATGAAGACCCGGACAA  
GAAAATCTACCACCTTTCATTGTAATTTGGTATAGGAACCTTTATGTGCCAAAGGAAACTATGAC  
TTTGGCATCTCTGGGTTATCAAGAGCCTGGAGCCTTACCATAAGAAGCTGGGAAGTATACGTGGTATT  
ATGCCAAAAGATGCTTCCCTGTCCTTACTGGAGAACATGTCAAAGCACATGATAGTTCTTTGTGATGGTGT  
TGTTCAAGAATGTGTCCAGTTTCTAGAGCACTGCGAGATTTTTGGTAGAAACATCCCTGCTGTTCTCGAA  
CAACCCTTGGAGGAAGAAAGAATTCACACTGGAAGAATACAGTCACTTATGAGTCCAGACTGTTGAAAG  
CTTTGATTTATGAGATCATAGGGTGAATATGTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_001271494

**Insert Size:** 1995 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.

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001271494.1, NP_001258423.1</u>
<b>RefSeq Size:</b>	3455 bp
<b>RefSeq ORF:</b>	1995 bp
<b>Locus ID:</b>	100362431
<b>Cytogenetics:</b>	3q23