

Product datasheet for **RN204759**

Ttc27 (NM_001106706) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ttc27 (NM_001106706) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ttc27
Synonyms:	RGD1305264
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN204759 representing NM_001106706

Red=Cloning site Blue=ORF Orange=Stop codon

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

 ATGCCGGGGTGATATGGACGCCGAGCTGGCGCTTCTGAGGGCTTCTCCACGGAGGCAGAGCGGCTGT
 TATGGAACAGGAGGGCATCTGTGGTTCAGATATTGGAGTTTCTTAGAATTGCTGTTAGAAGGGAGCTA
 TGAGGCCTTGTCTGCATTCAACAACACAGAATATTTAAATCAACAATGATGCCGAAGAAAAGATT
 GACAGCTACCTGGAGAAGCAGATAGTGAATTTCTGGATTGCTCTACGGATTTGGAAGAAATTGAAAGAC
 AGCAGCTGGTATTCTACTTGGTGTGAGCAGCTTGCAGCTTTTGTTCAGAGTAAGTGGACTGGACCTCT
 TGTCGACTTGCACCTCAGGATTTCTGCCGTCTGTTCTGCTTGAGAAGTTCAGTGAGGTCAGAGGACTG
 GACGCTAGTATTATGGCCCTCCTATTCTAGATGGTGAATCAGTCTACAGCCTCACTTCAAAGCCATAC
 TGCTGCTAATAGCACGCATTATCCTGGTGAACATCAGACATAAATTAACAGCTCTCCAGAGCTTGCCGTG
 GTGGACTTTGAGATATGTGAATATTCACCAACAGTTGCTGGAGGAGCGGTACCACAGCTTTTGTCTT
 GCTGAAAAGTGTATTGATCAAGTGACGAAAAAGAGAATCTATTTGAGGGTGACTCAGGTCGACTTTTGG
 CTATTCAGTTTCTGGAATGTGCACATGTATTTTATATTATGAATATAAAGAAGCAAAAGACCG
 GTTCAGTACTGCTAAAGACATCAGCAAGTTACAGATTGACCTGACAGGTGCTTTGGGGAAAAGGACACGA
 TTCCAGGAGAATTATGTGGCAGCTGATTGTAGATGTCCGGAGAGAAGAGGATGTCCTTGCAGTCGTG
 AGTTACAGCCAGCACCCACCCCGAGGAGTATTAACCAAGAATCTTGAGCTCAACGATGATACCGTTCT
 GAATGAAATAAGTTAGCAGATAGTGAGCGTTTCAGATGCCAGACCTGTGTGCTGAGGAGCTTGCTGTG
 GTCCTTGGAGTCTGCACAAATTTCCAGAAGAACAACCCAGTTCAAGCTAACGGAGGAGGAGCTGCTGG
 CCTTCACATCGTGTCTTCTTCAACAACAAAGTTCTGGCCATTACAGACCTCAGCCTTGATCCTCCGGAC
 AAACTTGAGAGAGGAAGCACACGCGAGTGGAGCGGGCAATGAGGCAGACCCAGGCTCTTGACAGCCAA
 TTTGAAGATAAAACACATCTGTAAGTGGAGCGTCTGAAGATTTTCTACTGCTGCAAGTGCCCCCTCACT
 GGGCTGTGAGCGCCAGCTCGCAGGTTTGTGTTGAGTTGGGATGCACCAGCTCAGCCCTGCAGATATT
 TGAGAAGCTGGAGATGTGGGAGGACGTAGTCATCTGCCATGAAAGGGCTGGGCAGCACGGGAAGGCAGAA
 GAAATCTTAGGCAAGAACTGGAGAAGAAGGAAACACCAAGTTTATATTGCTTGGAGATGCTCTGC
 AAGATCACTCCTGCTATGACAAGCCTGGGAGCTGTCCGACACCGCAGTGCCCGTGCCAGCGGTCCAA
 AGCTCTCCTCATCTTCGGAACAAGGAGTTTCGGGAGTGTGTGGAGTGCTTTGAACGCTCAGTGAAGATT
 AATCCCATGCAGCTTGGGGTCTGGTTTTCTCTAGGCTGTGCCTACTTGGCCTTGAAGACTATGGTGGCT
 CAGCGAAGGCATTTACAGGTTGTGTGACCTAGAGCCCGACAATGCTGAGGCTTGAACAATTTATCCAC
 TTCTATATTGACTGAAACAAAAGTCAAAGCTTTTAGAACGTTACAAGAAGCTCTCAAGTGTAATCAT
 GAACACTGGCAAATCTGGGAAAACATCCTCACCAGCACTGACGTGCGGGAGTTTGGGGAGGCCATCA
 AAGCTTACCACCGGCTCCTGGACCTGCGAGACAAATACAAAGATGTTCAAGTCTTAAATTTCTGGTCAG
 GGCAGTGGTTAATGGTATGGCTGACCGGAGTGGAGATTTGCCTCCAGCCTCAAAGGCAAGCTGCAGGAG
 TTGTTCCGCAGAGTCACTTCAAGGTGACGAATGACGGAAGTCTGGAGACTGTATGCCAAGTACATG
 GGAATGGGCAGAGTGAGAAGCCTGCTGAGAATGACAAGGCATTCCAGTATCTCTCAAAGGCGTACAAGTG
 CGACACACAGTCCGGTTGTTGGGAGAAAGATGCTACAGCATTTAAGGAAGTTGTTCAAAGAGCCATAGGA
 CTGGCGCATGTGGCTATAAAATGCAAGTGAAGCAAGTCCAGTCCCAGGAAGCTATACAAGCACTTTCTT
 CAGTCCGGCTCAATTTACGTGGCTTGTATCCAAAGCAAAGCAGAATTTACGGACGTAGTGAGTGGAGA
 CGTCTCGGAGAGCTAGCCAGTGAGATAGCAGCTATGAGAGCTCTGGAGGCCGAGCTGCAGGACCTCAGC
 AACCAGCTTCGAAACCGGTAC**TGA**
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001106706

Insert Size:

2544 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_001106706.1, NP_001100176.1</u>
RefSeq Size:	2821 bp
RefSeq ORF:	2544 bp
Locus ID:	298782
Cytogenetics:	6q13