

## Product datasheet for **SC126746**

### **TTC27 (NM\_017735) Human Untagged Clone**

#### **Product data:**

|                           |                                        |
|---------------------------|----------------------------------------|
| Product Type:             | Expression Plasmids                    |
| Product Name:             | TTC27 (NM_017735) Human Untagged Clone |
| Tag:                      | Tag Free                               |
| Symbol:                   | TTC27                                  |
| Mammalian Cell Selection: | None                                   |
| Vector:                   | <u>pCMV6-XL5</u>                       |
| E. coli Selection:        | Ampicillin (100 ug/mL)                 |



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**Fully Sequenced ORF:** >OriGene ORF within SC126746 sequence for NM\_017735 edited (data generated by NextGen Sequencing)

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ATGTGGACCCCGAGCTGGCAATTCTGAGGGGATTCCCACTGAGGCTGAGCGGCAGCAA
TGGAAACAGGAGGGGGTCGTCCGTTTCAGAGAGTGGATCTTCTACAATTGCTGCTGGAA
GGGAACATGAAGCCATATCTTAAATTCATGACTCAAAATATTTTAAATCAACAACA
ACCGCTGAAGAAAAGATTGATAGCTACCTGGAGAAGCAGGTAGTAACATTCCTGGATTAC
TCAACAGATTTTGGACACAACGGAAGACAACAGTTGATATTTCTACTTGGTGTGAGCAGT
TTGCAACTTTTTTGTTCAGAGCAACTGGACGGGGCCCCCTGTTGACTTACACCCCTCAGGAC
TTTTTGCATCTGTTTTGTCCAGCAATTCAGTGAGGTTAAAGGACTGGATGCATTTGTT
CTGAGCCTGCTCACTCTAGATGGTGAATCAATCTACAGCCTGACCTCGAAGCCTATACTA
CTGTTATTAGCACGCATTATCCTAGTGAATGTAAGACATAAACTGACAGCTATTCAGAGC
TTGCCATGGTGGACTTTGAGATGTGTGAATATTCATCAGCATTTGCTTGAGGAACGCTCA
CCTCTGCTTTTTACTCTTGCCGAAAAGTATTGATCAAGTGATGAACTACAGAATCTG
TTTGTAGATGATTCAGGTCGATATTTGGCTATTCAATTCATCTGGAATGTGCATATGTG
TTTTTATATTATTATGAGTACAGAAAAGCAAAAGATCAGTTGGATATTGCTAAGGACATC
AGCCAATTACAAATTGATTTGACAGGTGCTTTGGGAAAAAGAACACGGTTCCAGGAAAAAT
TATGTGGCACAACCTGATTCTAGATGTAAGAAGGGAAGGGGATGTCCTTTCAAATTGTGAA
TTCACTCCAGCACCCACTCCTCAGGAACATTTAACCAAGAATCTTGAGCTCAATGATGAC
ACCATCTGAATGACATAAAGTTAGCAGATTGTGAACAGTTCCAGATGCCGGATCTGTGT
GCTGAAGAGATCGCTATTATTCTTGAATCTGCACTAATTTCAAAGAATAACCCAGTG
CACACATTAAGTGAAGTGGAGCTTCTGGCATTACATCATGTTTGCTTTCACAACCAAAG
TTCTGGGCCATTACAGATCAGCCTTGATCCTCCGGACAAAAGTGGAGAAAGGAAGTACT
CGCCGAGTGGAAACGGGCAATGAGGCAGACACAGGCTCTTGACAGCAATTTGAAGATAAA
ACTACATCTGTATTGGAACGCCTGAAGATTTTCTATTGCTGTCAAGTACCACCTCACTGG
GCCATTACGCGCAACTTGCAAGTTTGCTCTTTGAGTTGGGATGTACCAGTTACGCCCTT
CAGATATTTGAAAAGCTAGAAATGTGGGAAGATGTTGTCATTTGTTATGAAAAGAGCCGGG
CAGCACGGAAGGCAGAAAGAAATCCTTAGACAAGAGCTGGAGAAAAAGAAACGCCTAGT
TTATACTGCTTGCTTGAGATGTCTCGGAGACCATTCTTGCTATGACAAGGCCTGGGAG
TTGTCCCGGTACCGCAGTGCTCGTGCTCAGCGCTCCAAAGCCCTCCTTCATCTTCGGAAC
AAGGAGTTTCAAGAGTGTGTAGAGTGCTTCGAACGCTCGGTTAAGATTAATCCCATGCAG
CTCGGGGTGTGGTTTTCTCTCGGTTGTGCCTATTTGGCCTTGGAAGACTATCAAGTTTCA
GCAAAGGCATTTACGCGCTGTGTGACTCTAGAACCCGATAATGCTGAAGCTTGGAACAAT
TTGTCAACTTCCTATATCCGATTAACCAAAAAGTAAAAGCTTTTAGAATTTACAAGAA
GCTCTCAAGTGAATATGAACACTGGCAGATTTGGGAAAAGTACATCCTCACCAGCACT
GACGTTGGGGAATTTTCAAGGCCATTAAAGCTTATCACCGGCTCTTGGAATTACGTGAC
AAATACAAAGATGTTCAAGTCCTTAAATTTCTAGTCAGGGCAGTGATTGATGGGATGACT
GATCGAAGTGGAGATGTTGCAACTGGCCTCAAAGGAAAGCTGCAGGAGTTATTTGGCAGA
GTGACTTCAAGAGTGACAAATGATGGAGAAATCTGGAGGCTGTATGCCACGTATATGGA
AATGGGCAGAGTGAAGAGCCTGATGAAATGAAAGGCATTCCAGTGCCCTCTCAAAGGCA
TACAAGTGTGACACCCAGTCCAATTGTTGGGAGAAAGATATTACATCATTAAAGGAAGTT
GTTCAAAGAGCCTTAGGACTTGACATGTGGCCATAAAATGCAGTAAAAACAAATCCAGT
TCCCAAGAAGCTGTACAAATGCTTTCTTCTGTTGACTCAATTTACGGGGCTTGTATCT
AAAGCAAAGCAACTTTTTACAGATGTGGCAACTGGAGAAATGTCCAGGGAATTAGCTGAT
GACATAACAGCTATGGACACCTTAGTGACAGAGCTCCAAGACCTAAGCAACCAAGTTTCA
AATCAGTATTGA

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Clone variation with respect to NM\_017735.4

**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_017735 unedited  
 GTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCGCCTCCTTGAGGTAGT  
 ATCCGCACATGGAATTCTAGGGCCGAGGTGTATTTACGGTAACGTGCGCCACTAGATTT  
 CAGCGCCTTTGGACTCTCCTGTTTTCACTTTCTTTTGTGACTCCCGTGTGGCCCTCGTG  
 GGAGCCTGTTTTGGCTGCAGCGGTGTCTGGGTGATGTGGACCCCGAGCTGGCAATTCT  
 GAGGGGATTCCTCACTGAGGCTGAGCGGCAGCAATGGAACAGGAGGGGGTCTCGGTTC  
 AGAGAGTGGATCTTTCTACAATTGCTGCTGGAAGGGAACATGAAGCCATATTCTTAA  
 TTCAATGACTCAAAATATTTTTAATTCAACAACAACCGCTGAAGAAAAGATTGATAGCTA  
 CCTGGAGAAGCAGGTAGTAACATTCTGGATTACTCAACAGATTTGGACACAACGAAAG  
 ACAACAGTTGATTTTCTACTTGGTGTGAGCAGTTTGCACTTTTTGTTGAGAGCAACTG  
 GACGGNGCCCCCTGTTGACTTACACCCTCAGGACTTTTTGTCTATCTGTTTTGTTCCAGCA  
 ATTCAGTGAGGTTAAAGGACTGGATGCATTTGTTCTGAGCCTGCTCACTCTAGATGGTGA  
 ATCAATCTACAGCCTGACCTCGAAGCCTATACTACTGTTATTAGCACGCATTATCCTAGT  
 GAATGTAAGACATAAACTGACAGCTATTCAGAGCTTGCCATGGTGGACTNTGAGATGTGT  
 GAATATTCATCAGCATTTGCTTGAGGACGCTCACCTCTGCTTTTNTACTCTTGCCCGANAC  
 TGTATTGATCAAAGTGATGAACTACAGAATCTGTTGTAGATGATTCACT

**3' Read Nucleotide Sequence:**

>OriGene 3' read for NM\_017735 unedited  
 GCGGCCGCAATCTAGNATCGAGTTTTTTTTTTTTTTTTTTTTTGTGATCAAAAACAAATTTAT  
 TTTAAAAATCAATATCTTGCAATTCAGATATACAGATGTATCTTTTACCAGCAGGTGAAA  
 GCACCTTTTCCAGAACTGCTTCCAGCAGAACTCAATACTGATTTGAAAAGTGGTTGCTTA  
 GGTCTTGAGCTCTGCTCAAGGTGTCCATAGCTGTTATGTCATCAGCTAATTCCTTG  
 ACATTTCTCCAGTTGCCACATCTGTAAAAAGTTGCTTTGCTTTAGATAACAAGCCCCGTA  
 AATTGAGTCGAACAGAAGAAAGCATTTGTACAGCTTCTTGGGAACTGGATTTGTTTTTAC  
 TGCATTTTATGGCCACATGTGCAAGTCCTAAGGCTCTTTGAACAACCTTCCTTAAATGATG  
 TAATATCTTTCTCCCAACAATTGGACTGGGTGTACACTTGTATGCCTTTGAGAGGCACT  
 GGAATGCCTTTTCATTTTCATCAGGCTTTTCACTCTGCCATTTCCATATACGTGGGCAT  
 ACAGCCTCCAGATTTCTCCATCATTTGTCACTCTTGAAGTCACTCTGCCAAATAACTCCT  
 GCAGCTTTCTTTGAGGCCAGTTGCAACATCTCACTTCGATCAGTCATCCCATCAATCA  
 CTGCCCTGACTAGAATTNTAAGGACCCTGACATCTTTGATTTGTACGTAAGTCCAGA  
 GCCCGTGATAAGCTTTAATGGCTTCTGAAATCCCCACGTCAGTGCTGGTGAGGATGTA  
 GTTTTCCCAATCTGCCAGTGTCATAGNACACTTGAGAGCTNCTGAAAAGTCTAAAGCTTT  
 ACTTTTGTATCCGATATAGAAGTGACAAATGTTCCAAGCTTCACATTATGGNTCTAA  
 ATCCCCAACCCCTGAATGCCTTGCTGACCCTGTAGGCTCCAGCCAAAN

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_017735

**Insert Size:**

2930 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:** [NM\\_017735.3](#), [NP\\_060205.3](#)

**RefSeq Size:** 2945 bp

**RefSeq ORF:** 2532 bp

**Locus ID:** 55622

**UniProt ID:** [Q6P3X3](#)

**Cytogenetics:** 2p22.3

**Domains:** TPR