

Product datasheet for **MC218468**

Ttc27 (BC021912) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ttc27 (BC021912) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ttc27
Synonyms:	2610511O17Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC021912
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAACAGGAGAATTTATTTGAAGGTGATTCAAGTTCGACTTTTGGCTATTCAATTTTCATCTGGAATGTG
 CACATGTATTTTATATTATTATGAATATAAAGAAGCAAAGGACCAGTTCAGTACTGCTAAAGACATCAG
 CAAGTTAGAGATTGACCTGACAGGTGCCTTGGGAAAAAGGACACGATTCCAGGAAAATTACGTGGCGCAG
 CTGATTGTAGATGTCAGGAGAAAAGAGGCTGTCCCTTTTCAGTTGTGAGTTCAGCCAGCACCCACGCCCC
 AGGAGTGTGGCCAAGAATCTTGAGCTCAATGATGATACTGTTCTGAATGAAATAAAGTTAGCAGATAG
 TGAACGGTTTCAGATGCCAGACCTGTGTGCGGAGGAGCTTGCCGTGGTCTTGGAGTCTGCACAAATTTTC
 CAGAAGAACAACCCAGTTTCATAAGCTAACGGAGGAGGAGCTGCTGGCCTTCACATCGTGTCTTACTTTTAC
 AACCAAGTTCTGGGCCATTGATGTCAGCCTTGATCCTCCGACAAAACCTTGAGAGAGGAAGCACACG
 GCGAGTGGAGCGGCCATGAGGCAGACCCAGGCTCTTGACAGCAATTCGAAGATAAAGCCACATCTGTA
 CTGGAACGTCTGAAGATTTTCTATTGTTGTCAAGTACCCCTCACTGGGCTGTTACGCGCCAGCTCGCAG
 GTTTGCTGTTTGAAGTGGGATGCACCTCCTCAGCCCTGCAGATATTTGAGAAGCTGGAGATGTGGGAGGA
 TGTGGTCACTGCCCAGAGAGGGCTGGGCGGCACGGGAAGGCAGAAGAACTACTAGGCAAGAACTGGAG
 AAAAAGGAAACACCAGGTTTATATTGCTTACTTGGAGATGTCCTGCAGGACCATTCTGTACGACAAGG
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 GGAGTTTCGGGAATGTGTGGAGTGCTTCGAGCGCTCAGTGAAGATCAATCCCATGCAGCTCGGGGTCTGG
 TTCTCTCTAGGCTGCGCCTACTTGGCCTTGAAGACTATGGTGGATCAGCAAAGCGTTTCAGCGTTGTG
 TGACCCTAGAACCCGATAATGCTGAGGCTTGAACAATTTATCTACTTCTATATTCGATTAAAGCAAAA
 AGTCAAAGCTTTTGAACGTTACAAGAAGCCCTCAAGTGAACACGAACACTGGCAAATCTGGGAAAAAC
 TACATTCTCACCAGCACCAGTGTGCGGGAGTTTGGGGAAGCCATCAAAGCTTACCACCGGCTCCTGGACC
 TCCGAGACAAATACAAAGATATTCAGGTCTTAAATTTCTGGTCCAGGCAGTGGTTAATGATATGACCGA
 CCGAAGTGGAGCTGTGCTCCAGCCTCAAAGGCAAGCTGCAGGAGTTGTTTGGCAGAATAACTTCAAGG
 GTGACCAATGACGGAGAAGTCTGGAGACTGTATGCCCAAGTGCATGGGAATGGGCAGAGTGAAGGCCAG
 ATGAGAACGACAAGGCATTCCAGTGTCTCTGAAGGCGTACAAGTGTGACACACAGTCCAGTTGTTGGGA
 GAAAGATGCTACAGCATTTAAGGAAGTTGTTCAAAGAGCCATAGGACTCGCTCATGTGGCTATGAAATGC
 GCTGAGAGCAAGTCCATTCCCAGGAAGCTGTACAAACACTTTTTCAGTTCGACTCAATTTACGTGGCT
 TGTATCCAAAGCAAAGAATTTACAGATGTGGTAAGTGGAGAAGTCTCTGGAGAGCTCGCCAGTGAAAT
 AGCAGCTGTGAATGCTCTGGAGGCAGAGCTGCAAGACCTCAGCAACCAGCTTCGAAACCGGTACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: BC021912

Insert Size: 1887 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [BC021912](#), [AAH21912](#)

RefSeq Size: 2688 bp

RefSeq ORF: 1886 bp

Locus ID: 74196

Cytogenetics: 17 E2