

Product datasheet for **MR209573**

Ttc27 (BC021912) Mouse Tagged ORF Clone

Product data:

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



[View online »](#)

**ORF Nucleotide
Sequence:**

>MR209573 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

 ATGAAACAGGAGAATTTATTTGAAGGTGATTGAGTTCGACTTTTGGCTATTCAATTTTCATCTGGAATGTG
CACATGTATTTTATATTATTATGAATATAAAGAAGCAAAGGACCAGTTGAGTACTGCTAAAGACATCAG
CAAGTTAGAGATTGACCTGACAGGTGCCTTGGGAAAAAGGACACGATTCCAGGAAAATTACGTGGCGCAG
CTGATTGTAGATGTCAGGAGAAAAGAGGCTGTCCCTTTGAGTTGTGAGTTCAGCCAGCACCCACGCCCC
AGGAGTGTGGCCAAGAATCTTGAGCTCAATGATGATACTGTTCTGAATGAAATAAGTTAGCAGATAG
TGAACGGTTTCAGATGCCAGACCTGTGTGCGGAGGAGCTTGCCGTGGTCTTGGAGTCTGCACAAATTTT
CAGAAGAACAACCCAGTTTCATAAGCTAACGGAGGAGGAGCTGCTGGCCTTCACATCGTGTCTTACTTTTAC
AACCAAGTTCTGGGCCATTGAGATGTCAGCCTTGATCCTCCGACAAAACCTTGAGAGAGGAAGCACACG
GCGAGTGGAGCGGCCATGAGGCAGACCCAGGCTCTTGACAGCAATTCGAAGATAAAGCCACATCTGTA
CTGGAACGTCTGAAGATTTTCTATTGTTGTCAAGTACCCCTCACTGGGCTGTTACGCGCCAGCTCGCAG
GTTTGCTGTTTGAAGTGGGATGCACCTCCTCAGCCCTGCAGATATTTGAGAAGCTGGAGATGTGGGAGGA
TGTGTCATCTGCCACGAGAGGGCTGGGCGGCACGGGAAGGCAGAAGAACTACTAGGCAAGAACTGGAG
AAAAAGGAAACACCAGGTTTATATTGCTTACTTGGAGATGTCTGCAGGACCATTCCTGTACGACAAGG
CCTGGGAGCTGTCCCGCATCGCAGTGCACGTGCCAGCGCTCCAAAGCTCTCCTCCATCTTCGGAACAA
GGAGTTTCGGGAATGTGTGGAGTGCTTCGAGCGCTCAGTGAAGATCAATCCCATGCAGCTCGGGGTCTGG
TTCTCTCTAGGCTGCGCCTACTTGGCCTTGAAGACTATGGTGGATCAGCAAAGGCGTTTCAGCGTTGTG
TGACCCTAGAACCCGATAATGCTGAGGCTTGAACAATTTATCTACTTCTATATTCGATTAAAGCAAAA
AGTCAAAGCTTTTGAACGTTACAAGAAGCCCTCAAGTGTAACACGAACACTGGCAAATCTGGGAAAAAC
TACATTCTCACCAGCACCAGTGTGCGGGAGTTTGGGGAAGCCATCAAAGCTTACCACCGGCTCCTGGACC
TCCGAGACAAATACAAAGATATTCAGGTCCTTAAATCTGGTCCAGGCAGTGGTTAATGATATGACCGA
CCGAAGTGGAGCTGTGCTCCAGCCTCAAAGGCAAGCTGCAGGAGTTGTTTGGCAGAATAACTTCAAGG
GTGACCAATGACGGAGAAGTCTGGAGACTGTATGCCCAAGTGCATGGGAATGGGCAGAGTGAAGGCCAG
ATGAGAACGACAAGGCATTCCAGTGTCTCTGAAGGCGTACAAGTGTGACACACAGTCCAGTTGTTGGGA
GAAAGATGCTACAGCATTAAAGGAAGTTGTTCAAAGAGCCATAGGACTCGCTCATGTGGCTATGAAATGC
GCTGAGAGCAAGTCCATCCCCAGGAAGCTGTACAAACACTTTTTCAGTTCGACTCAATTTACGTGGCT
TGTATCCAAAGCAAAGAATTTACAGATGTGGTAAGTGGAGAAGTCTCTGGAGAGCTCGCCAGTGAAAT
AGCAGCTGTGAATGCTCTGGAGGCAGAGCTGCAAGACCTCAGCAACCAGCTTCGAAACCGGTAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR209573 protein sequence

Red=Cloning site Green=Tags(s)

 MKQENLFEGDSGRLLAIQFHLECAHVFLYYEYKEAKDQFSTAKDISKLEIDL TGALGKRTRFQENYVAQ
LIVDVRKEAVPFSCEFSAPPTPQECLAKNLELNDDTVLNEIKLADSERFQMPDLCAEELAVVLGVCTNF
QKNNPVHKL TEEELLAF TSCLLSQPKFWAIQMSALILRTKLERGSTRRVERAMRQTQALADQFEDKATSV
LERLKIFYCCQVPPHWAVQRQLAGLLFELGCTSSALQIFEKLEMWEDVVICHERAGRHGKAEIILRQELE
KKETPGLYCLLDVQLQDHSCYDKAWELSRHRSARAQRSKALLHLRNKEFRECVCFERSVKINPMQLGVW
FSLGCAYLALEDYGGSAKAFQRCVTLEPDNAEAWNLLSTSYIRLKQKVKAFTRLQEALKCNIEHWQIWEN
YILTSTDVGEFGAIAKAYHRLDLRDKYKDIQVLKILVQAVVNDMTDRSGAVASSLKGLQELFGRTISR
VTNDGEVWRLYAQVHNGQSEKPDENDKAFQCLSKAYKCDTQSSWEKDATAFKEVVQRAIGLAHVAMKC
AESKSIQAEVQTLSSVRLNLRGLLSKAKNFTDVVSGEVSGELASEIAAVNALEAELQDLSNQLRNRY

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: BC021912

ORF Size: 1884 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.

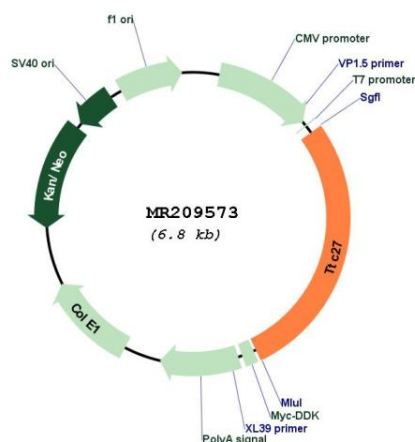
RefSeq: [BC021912](#), [AAH21912](#)

RefSeq Size: 2688 bp

RefSeq ORF: 1886 bp

Locus ID: 74196
 Cytogenetics: 17 E2
 MW: 71.6 kDa

Product images:



Circular map for MR209573