

Product datasheet for **MC201575**

Ttc4 (NM_028209) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ttc4 (NM_028209) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ttc4
Synonyms:	2810002P21Rik; AF007005; L62
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC025435 sequence for NM_028209
 CCACGCGTCCGGCCGAAGTTGCGAGCTGCCATGGAGAGTTCTGAGCCTGAGCCTACAGAGGACGCTTCCA
 TGGACGCGTTCTGGAAAAGTTTCAGAGCCAGCCTTACCGCGCGGCTTCCGCGAGGATCAGTGGGAGGA
 GGAATTTGACAAGATCCCCTATTTATGAAAAAGCGCCATCAGAAATTGACCCGAGGAGTTTCTGAC
 TTGGCCTGCCTCCAGTCGATGATTTTGTATGATGATCGATATCCAGAAGACCAAGCAAGACCTATAAG
 ATGAGGGCAATGACTACTTTAAAGAAAAAGACTATAAGAAAGCTGTGCTTTCATACAGTGAAGGGTTGAA
 GAAGAAGTGTGCAGACCCTGATTTGAATGCTGTCTGTATACCAACCGGCGAGCAGCAGTACTATCTC
 GGCAATGTTCTGTTCTTCCCTCAATGATGTGCTGGCTGCCAAGAAGCTAAAGCCCGGTCACCTGAAAAGCCA
 TCATAAGAGGTGCCCTGTGCCATCTTGAAGTGAACACTTTGCTGAGGCTGTGAAGTGGTGTGATGAGGG
 ACTACAAATTGATGCCAAGAGAAGAACTTCTAGAAATAAGGGCAAAAGCAGACAAGCTAAAGAGGATG
 GAAGAGAGGGATCTGAGGAAGGCAAGTTGAAAGAAAAGAAGAACAGCATCAGAATGAGGCTCTGCTCC
 AGGCCATCAAGGCTAGGAACATCAGGCTTGTCTCTGAATCAGCCGGTGAAGATTGAGGCTCTGCTCC
 TGGTCCAGCTGAGATACTCCTGGATGGGCTCAGCTCTGAGAACCCTATGGAGCCAGGCTAAGTATAGAT
 GACCAGGGCAGGCTGAGCTGGCCTGTGCTGTTCTGTACCCGGAGTACGCGCAATCAGACTTCATCTCTG
 CTTTTCATGAGGACACCGGTTTATTGACCATCTAATGGCGATGTTTAGTGAAGCACCTCCTGGGACTC
 AGAGCACAAAGTACCACCCAGAGAATCTGGAGGTCTACTTCGAGGATGAGGACAGGGCGGAAGTATACCAG
 GTGTCTCCCGATAGCACCTGTTGCAGGTGCTGCAGCACCCAGGTGCTGCGTGAAGGCCCTTACCCCGG
 CATTCTGGTCTGTGTAGGATCCTCGCCTTTCTGTAGGAATTACCTCCAGGGGAAGAAGTGCACAGGTA
 ACATGGGAGCCAGACCCTGGGGTCTCTCCCTCAACTTCTCTGCTGGACTTTGTACACGGGAATCATCT
 GGCCTAGAGTGTAGCACTCTATCCTCAGGGACAGTGGTCCCAGCCTCTTGTGGGGAAGAAGCTGCAGG
 ACCCCCTGAACCTAAGCCTGTCTGGCTGAGTGTGGGCTCCAGCTGGGCCGCACTCTCCTCAGATTACAC
 GCCCTGCCCTGGCCAGTACATCTTTGGAGTCCATCTCTGAAAAATCATCCACTGCAGTTACCAGAATAG
 CTGGCCTTGGTAACTCCCTAGCCAGAGACTGTCGAGGATGCAGTGACAGTCTTAACCTTTGTGGCATC
 GGGCACATACAGAAGGCACAACCTCAAGGCAATAAACCAGCCCTGCACATACTCTAAGGCCCTAAGGCTT
 GAAAGACTGGCTCAGTTGCTTACCAGCCTGGAGGAAAGCTAAGATGCTGTGGATGCCATGAAGTACTG
 CAGCCATGAAGCCACATCCTGTTCTGTTGACTGTATAAACTTGGATCCTGGGACTACTCAGAGCCCTACT
 GGATTCTCTACTTCTCAATGCCATGCAAGGGCTTGTGCCACATCTGACAGAAGCTTGAAGAGTCAATGG
 GCAGTGGTTTGCAAGTAGGCTTGTGTTGTTTCCCTTTATTGTGAGGTCTCATTCTGAAATAGGAGTAG
 TCCTGGTGTCTGAGCAAAGCCACAGCAGCTGGCCTAAAGCCATTGTTTGTACATGAGTGGCAATGTG
 TTTGTAGTAAACACTTGAGATTTGGGGATTGTTCTGTCATATAGGAAAAGTACTAATACATTATTA
 CTGAAACCAGCTGGTGGCCTTCAGATGGGCTAATATGAGAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_028209

Insert Size: 1161 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:	<u>BC025435</u> , <u>AAH25435</u>
RefSeq Size:	2085 bp
RefSeq ORF:	1161 bp
Locus ID:	72354
UniProt ID:	<u>Q8R3H9</u>
Cytogenetics:	4 C7
Gene Summary:	May act as a co-chaperone for HSP90AB1 (By similarity).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the shorter transcript but encodes the longer isoform (1).