

Product datasheet for **MC212694**

Ttc5 (NM_177625) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ttc5 (NM_177625) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ttc5
Synonyms:	5930437N14; AW743060
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC212694 representing NM_177625 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGATGGCTGATGAAGAGGAAGAAGCGAAGCACGTCTTGCAGAAATTGCAGGGACTGGTGGATCGGCTCT
ACTGTTTTGAGACAGTTACTTTGAGACACATAGTGTGCGAAGATGCAGGACGGAAGCAGCAGGATGTACA
GGAAGAGATGGAGAAGACCCTGCAGCAGATGGAGGAAGTACTCGGTTCTGCCAGGTTGAGGCACAGGCT
CTGATGCTGAAGGGGAAGGCACTGAATGTGACTCCTGATTATAGCCCTGAGGCCGAGGTGCTTCTCTCCA
AGGCCGTGAAGCTGGAGCCTGAGCTGGTGAAGCCTGGAACCAGCTGGGTGAGGTGTACTGGAAGAAAGG
AGATGTCGCGTCTGCCACACCTGCTTCTCAGGAGCCCTCACCCACTGCAAGAACAAGTCTCTCTGCAG
AACTTGTCCATGGTGTCCGCCAGCTGCAGACCGACTCTGGAGATGAACATTCTCGCCACGTCATGGACA
GCGTCCGGCAGGCTAAGTTGGCCGTGCAGATGGATGTCCTTGATGGCCGCTCCTGGTGTGAGTGT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_177625
Insert Size:	558 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).



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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:	<ol style="list-style-type: none">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_177625.4</u> , <u>NP_808293.1</u>
RefSeq Size:	2405 bp
RefSeq ORF:	558 bp
Locus ID:	219022
Cytogenetics:	14 C1
Gene Summary:	<p>Adapter protein involved in p53/TP53 response that acts by regulating and mediating the assembly of multi-protein complexes. Required to facilitate the interaction between JMY and p300/EP300 and increase p53/TP53-dependent transcription and apoptosis. Prevents p53/TP53 degradation by MDM2.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) lacks several exons, and its 3' terminal exon extends past a splice site that is used in variant 1. This results in a novel 3' coding region and 3' UTR, compared to variant 1. The encoded isoform (b) has a shorter and distinct C-terminus, compared to isoform a.</p>