

Product datasheet for RN212276

Ttc5 (NM_001013131) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ttc5 (NM_001013131) Rat Untagged Clone
Tag: Tag Free
Symbol: Ttc5
Synonyms: MGC108914
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN212276 representing NM_001013131
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGATGGCTGATGAAGAGGAGGAAGCGAAGCAGGTCTTGCAGAAATTGCAGGAAGTGGTGGATCAGCTCT
 ACTGTTTTGAGACAGTTACTTTGAGACACACAGTGTGGAAGATGCAGGACAGAAGCAGCAGGATGTTCA
 GGAAGAGATGGAGAAGACCCTGCGGCAGATGGAGGAAGTACTTGGTTCTGTCCAGTTGAGGCACAGGCT
 CTAATGCTCAAGGGGAAGGCACTGAATGTGACTCCTGATTACAGCCCGGAGGCCGAGGTGCTGCTCTCAA
 AGGCCGTGAAGCTGGAGCCTGAAGTGGTGAAGCCTGGAACCAAGTTGGGTGAGGTGACTGGAAGAAAGG
 AGATGTTGCGGCTGCCACACCTGCTTCTCAGGAGCCCTCACCACTGCAAGAACAAGGTCTCTCTGCAG
 AACTTGTCCATGGTGTCCGCCAGTTGCAGACCGACTCCGGAGATGAACATTCTCGCCACGTCATGGATA
 GTGTCCGACAGGCCAAGTTGGCTGTGCAGATGGACGTCCTTGTGAGCCGCTCCTGGTATATCCTGGGGAA
 TGCATATCTTTCTTTTATTTCAATACTGGCCAGAACCCTAAGATCTCCAGCAAGCCCTCAGTGCCTAT
 GCTCAAGCAGAGAAGGTCGACAGGAAAGCATCCAGCAACCCTGACCTTCATCTCAACAGGGCGACGTTAC
 ATAAATATGAAGAGATTATGGGGAGGCCCTAGAGGGCTTCTCTCAGGCTGCCACGCTGGACCCTGCATG
 GCCAGAGCCCAACAACGAGAACAGCAGCTCCTGGAATTCCTCAGTAGGCTGACCAACCTCCTGGCGAGC
 AAGGGGAAGACAAAACCAAGAAGCTTTCAGAGCATGCTGGGAAACTTGGCCCGGCCATCTGGGCCTT
 GTGGCGACGGGCGCTACCAGTCAGCCACCGGGCAGAAGGTGACCTGCAGCTCAAGCCACTGAGTACGCT
 GCAGCCTGGTGTGAACAGCGGCACCGTGGTCTGGGAAAGGTGGTGTTCAGCCTGACCACAGAGGAGAAG
 GTCCCCTTACATTTGGCTTGGTAGATTAGACCGTCTTGTATGCCGTGATGGTGTATAATGTGGTGC
 AGAGCTGGGGAGTTCTCATTGGGACTCTGTAGCCATTCTGAGCCCAACCTGAGGCATCACAAATTC
 GCACAAGGGAAAGGACTATTCCTTCTCCAGCGTTCGCGTGGAAACGCCTTCTGCTGGTGGTGAATGGA
 AAGCCACAGAAGTCCAGCAGCAAGCCTCTGCCACAGTGGCTTCAAGGCCACAGTGTGAATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001013131
Insert Size:	1323 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:	<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_001013131.1</u> , <u>NP_001013149.1</u>
RefSeq Size:	1955 bp
RefSeq ORF:	1323 bp
Locus ID:	305837
UniProt ID:	<u>Q5BK48</u>
Cytogenetics:	15p14
Gene Summary:	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 (By similarity).[UniProtKB/Swiss-Prot Function]