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Product datasheet for MC215770

Ttc5 (NM_001080949) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ttc5 (NM_001080949) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ttc5
Synonyms:	5930437N14; AW743060
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

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Fully Sequenced ORF:

>MC215770 representing NM_001080949
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGATGGCTGATGAAGAGGAAGAAGCGAAGCACGTCTTGCAGAAATTGCAGGGACTGGTGGATCGGCTCT
ACTGTTTTCGAGACAGTTACTTTGAGACACATAGTGTCGAAGATGCAGGACGGAAGCAGCAGGATGTACA
GGAAGAGATGGAGAAGACCCTGCAGCAGATGGAGGAAGTACTCGGTTCTGCCCAGGTTGAGGCACAGGCT
CTGATGCTGAAGGGGAAGGCACTGAATGTGACTCCTGATTATAGCCCTGAGGCCGAGGTGCTTCTCTCCA
AGGCCGTGAAGCTGGAGCCTGAGCTGGTGGAAGCCTGGAACCAGCTGGGTGAGGTGTACTGGAAGAAAGG
AGATGTCGCGTCTGCCCACACCTGCTTCTCAGGAGCCCTCACCCACTGCAAGAACAAAGTCTCTCTGCAG
AACTTGTCCATGGTGCTCCGCCAGCTGCAGACCGACTCTGGAGATGAACATTCTCGCCACGTCATGGACA
GCGTCCGGCAGGCTAAGTTGGCCGTGCAGATGGATGTCCTTGATGGCCGCTCCTGGTATATCCTGGGGAA
TGCATATCTTTCTCTTTATTTCAATACTGGCCAGAACCCTAAGATCTCCCAGCAAGCCCTCAGTGCCTAT
GCTCAAGCAGAGAAGGTGGACAGGAAAGCATCTAGCAACCCTGACCTTCATCTCAACAGGGCGACGTTAC
ATAAATATGAGGAGAGTTATGGGGAGGCCCTTGAGGGTTTCTCTCAGGCTGCAGCGCTGGACCCTGTGTG
GCCAGAGCCCCAGCAACGAGAACAGCAACTCCTGGAATTCCTCAGTAGGCTAACCAGCCTCCTGGAGAGC
AAGGGGAAGACAAAGCCCAAGAAGCTGCAGAGCATGCTGGGAAGCTTGCGCCCAGCTCATCTGGGCCCCT
GTGGTGATGGGCGCTATCAGTCGGCCTCTGGGCAGAAGATGACCCTGGAGCTTAAGCCACTGAGCACCCT
GCAGCCTGGTGTGAACAGTGGCACCGTGGTCCTGGGAAAGGTGGTGTTCAGCCTGACCACAGAGGAGAAA
GTCCCCTTCACGTTTGGCTTGGTAGATTCGGATGGTCCCTGCTATGCAGTGATGGTGTATAATGTGGTGC
AGAGCTGGGGAGTGCTCATCGGGGACTCTGTAGCTATTCCTGAGCCCAACCTTCGGCATCATCAAATCCG
GCACAAGGGAAAGGACTATTCCTTCTCCAGCGTGCGTGTGGAAACGCCTCTTCTGCTGGTGGTGAATGGA
AAGCCACAGAACTCCAGCAGTCAAGCCTCTGCCACAGTAGCTTCAAGGCCGCAGTGTGAATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001080949

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:
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: NM_001080949.2, NP_001074418.1

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RefSeq Size:	1849 bp
RefSeq ORF:	1323 bp
Locus ID:	219022
UniProt ID:	Q99LG4
Cytogenetics:	14 C1
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.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longest isoform (a).

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