

Product datasheet for **SC100501**

TTC5 (NM_138376) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TTC5 (NM_138376) Human Untagged Clone
Tag:	Tag Free
Symbol:	TTC5
Synonyms:	Strap
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC100501 sequence for NM_138376 edited (data generated by NextGen Sequencing)

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ATGATGGCTGATGAAGAGGAAGAAGTCAAGCCGATCTTGCAGAAATTGCAGGAACCTCGT
GATCAGCTCTACTCATTTCGAGACTGCTATTTGAGACACATAGTGTGAGGATGCTGGG
AGGAAGCAACAGGATGTGCAAGAAGGAGATGGAGAAAACCTACAGCAGATGGAAGAAGTA
GTGGGTCTGTCCAGGGCAAGGCACAAGTTCTAATGCTAACTGGGAAAGCACTAAATGTG
ACTCCTGACTATAGCCCTAAGGCTGAGGAGCTTCTGTCAAAGGCTGTGAAGCTGGAGCCC
GAGCTGGTGAAGCCTGGAACCAAGCTGGGTGAGGTGACTGGAAAAAGGGGATGTTGCA
GCTGCCACACCTGCTTCTCAGGAGCCCTCACCCATTGCAGGAACAAAGTCTCCTTGCAA
AACCTGTCAATGGTGCTTCGTGAGTGGGACTGACACTGAAGATGAACATTCTCACCAT
GTCATGGACAGTGTCCGACAGGCTAAGTTGGCTGTTGAGATGGATGTCATGATGGCCGC
TCCTGGTATATTCTGGGAATTCATATCTTTCCCTTTACTTCTCTACTGGCCAGAACCCCT
AAGATCTCCCAGCAAGCCCTCAGTGCCTATGCCAAGCAGAGAAAAGTTGACAGAAAAGCT
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CGGCAACGAGAGCAACAACCTTCTGGAATTCCTGGATAGATTAACCAGCCTCCTTGAGAGT
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AAGGACTATTCCTTTTCCAGTGTTCGAGTGGAGACGCCCTCCTGCTAGTGGTGAATGGG
AAGCCTCAGGGATCCAGCAGCCAGGCTGTTGCCACAGTGGCATCGCGACCACAGTGTGAA
TGA

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Clone variation with respect to NM_138376.2



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_138376 unedited
 GTATACGACTCCTATAGGCGGCCGNAATTTCGCACGAGGTGGCCGGNAGAGATGGCTG
 ATGAAGAGGAAGAAGTCAAGCCGATCTTGCAGAAATTGCAGGAACCTGGTGGATCAGCTCT
 ACTCATTTTCGAGACTGCTATTTTCGAGACACATAGTGTGAGGATGCTGGGAGGAAGCAAC
 AGGATGTGCAGAAGGAGATGGAGAAAACCTACAGCAGATGGAAGAAGTGTGGGTTCTG
 TCCAGGGCAAGGCACAAGTTCTAATGCTAACTGGGAAAGCACTAAATGTGACTCCTGACT
 ATAGCCCTAAGGCTGAGGAGCTTCTGTCAAAGGCTGTGAAGCTGGAGCCCAGCTGGTGG
 AAGCCTGGAACCAGCTGGGTGAGGTGTAAGTGGAAAAAGGGGATGTTGCAGCTGCCACA
 CCTGCTTCTCAGGAGCCCTCACCCATTGCAGGAACAAAGTCTCCTTGCAAAACCTGTCAA
 TGGTGCTTCGTCAGCTGCGGACTGACACTGAAGATGAACATTCTCACCATGTCATGGACA
 GTGTCCGACAGGCTAAGTTGGCTGTTAGATGGATGTCCATGATGGCCGCTCCTGGTATAT
 TCTTGGGAATTCATATCTTTCCCTTTACTTCTCTACTGGCCAGAACCCTAAGATCTCCC
 AGCAAGCCCTCAGTGCCTATGCCAAGCGAAAAAGTTGACAGAAAAGCTTCTAGCAATC
 CTGACCTTTCATCTGAACAGGGCGACGTTGCATAAATATGAANAGAGTATTGGGGGAGGC
 CCTGGAGGGCTTCTTTTCGGCTTGAACCTGGACCCTGCCTGGCCAAAGCCCCGCAACAG
 AGCAACACTCTGGGATTCTGGAAGAAAAACACCTTTAAATAGGGGAAGGGGAGACCAA
 ACTTCNNACTGTGGGAAATTGGCCACCCTTTAGCCTTGAGGGG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_138376 unedited
 NCACTTGNTACCGCGCCGCTTTCTANGATCGAGTTTTTTTTTTTTTTTTTTTCCAAAAA
 TTTAATTCTGTTCCAGCCCCAAAGAAGAGGAAGGACCTAAAGTTCAAAAAATAAAATAAA
 AATTGCTAAAAATAAAAGCCATTACAAAATTAAGCCCCCTCCTTAGCAATAAATACTGA
 ACTGATATATACATATGAGGCTTAGGAAGGAGGCAACAACAGGAACCTTGGGGACTCTGT
 CCCATGGCAAGATCCCAAGACTTCTACCAATTCCATGCTCTTTGCTTAAACATAGAGAG
 CAGTGGAAAGACAGGAGAGATATGCCAGAAGATATGTGGCCCTGTAGAGAGCTGGAAC
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 GTCTTCATTTAAACATTCCTCCATCCCTGCTGAATCACTGGATGTGGCTGGACCGCT
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 ACACTGTGGTTCGCGATGCCACTGTGGCAACAGCCTGGCTGCTGGATCCCTGAGGCTTCCC
 ATTCACCACTAGCAGGAGGGGGCGTCTCACTCGAACACTGGAAAAGGAATAGTCTTTCT
 TTGTGCTGAATTCGGTGAAGCCCGCAGGTTGGCTCANGAATGGCTACAGAGTCTCCAATG
 AGCAACTCCCCAGCTCTGCACTATATTGTACCCATCACTGCATAGCAGTCCATCTGAA
 TCTACCAGGCCAAATGTTAAGGGGACTTTCTCCTCTGGGGTGAGGGCTAATAACACCTT
 TCCCAGGATGACGGCCCCGCTGTTACCCCCAGCTGGACCCTACTCCATGGCCTGGAGCT
 CAGGGTCACTTTCTGCCAAAGCCTGACATGAAATGGCCCATACATGCAAGGGCCCTAA
 TGGGCT

Restriction Sites:

NotI-NotI

ACCN:

NM_138376

Insert Size:

1750 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_138376.1](#), [NP_612385.1](#)

RefSeq Size: 1845 bp

RefSeq ORF: 1323 bp

Locus ID: 91875

UniProt ID: [Q8N0Z6](#)

Cytogenetics: 14q11.2

Domains: TPR

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]