

Product datasheet for **SC112503**

TTC31 (NM_022492) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TTC31 (NM_022492) Human Untagged Clone
Tag:	Tag Free
Symbol:	TTC31
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC112503 sequence for NM_022492 edited (data generated by NextGen Sequencing)

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ATGGCGCCGATTCCAAAGACTGTGGGGCGGATCAAGCTAGACTGCTCTCTACGGCCCAGC
TGCCCACTGGAGGTGCTGCTGTACCCAACTTTGCAAGGAATTCGGTCCAGAGGATTAC
GGCGAAGAGGACATAGTGGATTTTCTTCGACGGCTTGTGGAGAGTGATCCCCAGGGCCTG
CACCGGATCCATGTGGATGGGAGCAGCGGGCGGCTGCAGCTGTGGCACCATTGATTACCTC
CTGGGCCACTTGGATGATGAAGGAAATCAACTGGACAGAGTGACAGGGGCAAGGGGCT
GAGGGACTGGGCACCTACTGTGGTCTCCGCAAGTCCTTCTGTATCCTCCCAAGAGTCT
GAGCCCTGCCCTCAAAGCCCCTCTGCCTCTGCCACCTTCCCCAGTGTCTCAGACAGCCTG
CTTCAGGTGGCCATGCCCCAGAAGCTCCTGGTGACAGAAGAGGAAGCCAATCGCCTGGCT
GAGGAGCTGGTGGCTGAGGAGGAGCGCATGAAACAGAAAGCAGAGAAAAAGCGACTCAAG
AAGAAGCGTCAAAGGAACGGAAGCGACAGGAGCGTTTGGAGCAGTACTGTGGGAGGCC
AAGGCCAGCACTACCTCAGATGGAGATGAGAGCCCCCATCCAGCCCTGGAAACCCAGTT
CAGGGACAGTGTGGTGAAGAAGAGGACTCACTGGATCTATCTAGCACTTTTGTGTCTCTG
GCTTTGCGCAAGGTTGGGGATTGGCCCCCTCAGTGCCCGCAGAGAGAAGGGACTGAACCAG
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AGAGAGGAGAGGGCCCAGCAGAGTCCAAAGGTACAGGCATCTCCGGGACTGCTGGCAGCT
GCCTTACAACAGAGCCAGGAAGTGGCAAAGTTGGGTACCAGCTTTGCTCAAAATGGTTTC
TACCATGAGGCCGTGGTCTCTTACCCAGGCCTTGAAGCTCAACCCCCAGGACCACCGG
TTATTTGGAATCGTTCTCTTCTGCCATGAGCGGTTGGGTACGCCAGCGTGGGCCCTGGCT
GATGCCAGGTGGCCCTTACCCTACGGCCTGGCTGGCCCCGGGGCCTCTTCCGCTGGGC
AAGGCCTTGATGGGACTACAGCGCTTACAGAGGCGAGCTGCTGTGTTTCAGGAACTCTG
AGAGTGGGTCCCAGCCTGACGACGCGGAGAGCTCCGCTCTTGCCTTCTCCACCTCACA
CTGCAGGGTCAGCGAGGAGGAATCTGTGCACCACCTCTGTACCTGGGGCCCTCCAGCCA
CTTCCCCATGCTGAGCTGGCACCCTCAGGCCTACCTTCCCTCAGGTGCCCTCGAAGCACT
GCTTTGAGGTCCCTGGCTGTCTCCACTCTTGCAATTATCCTTCATGTACCCGAAGCCAC
CCCAACCAGCCCCTCTCCAGACTCAGAGTAGAAGGCCCATCCTCTCAAGCCCCAGGAC
CCTTCAAAGGGCTGGGACATCCTGGGACTTGGGCTCCAGCATCTGTCTCAGGCCAGATGA
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Clone variation with respect to NM_022492.4
83 c=>t

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_022492 unedited

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NNGGGTCAGAATTTGTATACGACTCACTATAGGCGGCCGGAATTCGCACGAGGTGTAGA
TGCGATGGCGCCGATTCCAAACCTGTGGGGCGGATCAAGCTAGACTGCTCTCTACGGCCC
AGCTGCCCAGTGGAGGTGCTGCTGTACCCAACTTTGCAAGGAATTCGGTCCAGAGGAT
TACGGCGAAGAGGACATAGTGGATTTTCTTCGACGGCTTGTGGAGAGTGATCCCCAGGGC
CTGCACCGGATCCATGTGGATGGGAGCAGCGGGCGGCTGCAGCTGTGGCACCATTGATTAC
CTCCTGGGCCACTTGGATGATGAAGGAAATCAACTGGACAGAGTGACAGGGGCAAGGGG
GCTGAGGGACTGGGCACCTACTGTGGTCTCCGCAAGTCCTTCTGTATCCTCCCAAGAG
TCTGAGCCCTGCCCTCAAAGCCCCTCTGCCTCTGCCACCTTCCCCAGTGTCTCAGACAGC
CTGCTTACAGTGGCCATGCCCCAGAAGCTCCTGGTGACAGAAGAGGAAGCCAATCGCCTG
GCTGAGGAGCTGGTGGCTGAGGAGGAGCGCATGAAACAGAAAGCAGAGAAAAAGCGACTC
AAGAAGAAGCGTCAAAGGAACGGAAGCGACAGGAGCGTTTGGAGCAGTACTGTGGGGAG
CCCAAGGCCAGCACTACCTCAGATGGAGATGAGAGCCCCCATCCAGCCCTGGAAACCA
GTTCCANGGACAGTGTGGTGAAGAAGAGACTCACTGGATCTATCTAGCACTTTTGTGTCTC
TGGCTTTGCGCAAGGTTGGGGATTGGCCCCCTCAGTGCCCGCAGAGAGAAGGGNACTGACC
ANGAGCCCCAAGCANGNGTCTGGCCCTCANAAGAGGNNTCAGAGAGAGAGCCTCAGAGAG
AGAGCCCACAAGTCAAGTCAGCTTCGCTGTGCTACA
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_022492 unedited GCACTCTAGTATCGAGTTTTTTTTTTTTTTTTTGCACCAAAAGTGGTTATTTAGCACC CACTATGTACCAGGCACTTGGGAGGTATTTCTCACACTTTTCGTTTCCATCCTCACAAT ATCCCTTATGAGGTAGGGACTACCCTCATTTTACAGGTGAGGGAAGTGGGCTTATATG TTGACAGACCCATCCAAGGTGACCCAGCTGGTAATGGTAGACTTCATCCTGCTACACAGT ATTTAAGGGGCCTAAACCATAAACAATTTTAAAAATTTGGGAAAGTCACACATAAAGGA GATGTTTCAATACCTTCTCTCTCCAGGTATGAACAGTATTGAGCAAGACCCACAGGGCAG CAATAATCATTTATCCTGATGAAAGGCTCCTCTGTGAAAGGTAAGGGGGCTGGGGGAGAC CTAAAGCCTTCTGCAGACCCACATTTAAATGAGCTGACAGTCCCAGCAGGACTACAGAGG AACCAGCTAGGGGAAGCTGCCAGGATCTTACACGCGAAATTTAAAGGAGATCATGCTTCT TACCCAGGAAGTGGGGAATTCAGCTGACCTTGAAAAACTGAATAAATTAACATGGGGA AAGGCTAATTACCATGCCAGTGCTGGGTGGAGAAACAGAGTGGCCAAGGTTGTACCAC CCTGCGCACCTGCTGAAGCCATTACAGCGGAGAGCCCCAGCTGGGAGTGTGACATGT ATGGCCCTACCAGCTCTAAGCACGAGCCGTAAGGGACTTCCCAATGCAAACCTTGGT GAATTTCTAGCCACGAGAGGAGGTGAGCACCAGACCCCTGCACAGGAGAGCCAGAGCCTC CCTAGNCATCCGTACAGGAATGCACGAGGAGCTGGAGTAATCCGCGGCTTGCTATAATA AAGGCCGACCTGGGCCGATATAGGGACCTCCCTCAGCTGAAAGGGGGATCAGCCCCTAT ACTGGGACCCGTCCTGTACCAACTTAATGGGGT
Restriction Sites:	NotI-NotI
ACCN:	NM_022492
Insert Size:	3090 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:	<u>NM_022492.2, NP_071937.2</u>
RefSeq Size:	3395 bp
RefSeq ORF:	1272 bp
Locus ID:	64427
UniProt ID:	<u>Q49AM3</u>
Cytogenetics:	2p13.1