OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC323797

TTC4 (NM_004623) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TTC4 (NM_004623) Human Untagged Clone
Tag:	Tag Free
Symbol:	TTC4
Synonyms:	CNS1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

View online »

Fully Sequenced ORF:

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>OriGene sequence for NM_004623.2
CCGGGCTGGAAGGCAGGGCATCAGCTATGGAACAACCTGGGCAGGATCCCACCTCAGACG
ACGTCATGGACTCGTTCCTGGAAAAGTTCCAGAGCCAGCCTTACCGTGGCGGCTTTCATG
AGGACCAGTGGGAGAAGGAATTTGAAAAGGTCCCCCTATTTATGACGAGAGCGCCATCAG
AAATTGATCCCAGGGAGAATCCTGACTTGGCTTGTCTCCAGTCAATTATTTTTGATGAGG
AGCGTTCTCCAGAAGAACAGGCCAAGACCTATAAAGATGAGGGCAATGATTACTTTAAAG
AAAAAGACTACAAGAAAGCTGTAATTTCATACACTGAAGGCTTAAAGAAGAAATGTGCAG
ATCCTGATTTGAATGCTGTCCTTTATACCAACCGGGCAGCAGCACAGTACTATCTGGGCA
ATTTTCGTTCTGCTCTCAATGATGTGACAGCTGCCAGAAAGCTAAAACCCTGCCACCTCA
AAGCAATAATAAGAGGTGCCTTATGCCATCTGGAACTGAAACACTTTGCCGAGGCCGTGA
ACTGGTGTGATGAGGGACTGCAAATAGATGCCAAAGAGAAGAAGCTTCTGGAAATGAGGG
CTAAAGCAGACAAGCTGAAGCGAATTGAACAGAGGGATGTGAGGAAAGCCAACTTGAAAG
AAAAGAAGGAGAGGAATCAGAATGAGGCTTTACTCCAGGCCATCAAGGCTAGGAATATCA
GGCTCTCAGAAGCTGCCTGTGAGGATGAAGATTCAGCCTCAGAAGGTCTAGGTGAGCTTT
TCCTGGATGGACTCAGCACTGAGAACCCCCATGGAGCCAGGCTGAGTCTAGATGGCCAGG
GCAGGCTGAGCTGGCCTGTGCTCTTTCTGTACCCAGAGTATGCCCAGTCGGACTTCATCT
CTGCTTTTCATGAGGACTCCAGGTTTATTGATCATCTAATGGTGATGTTTGGTGAAACAC
CCTCTTGGGACCTAGAGCAAAAATATTGCCCTGATAATTTGGAGGTCTACTTTGAGGATG
AGGACAGGGCAGAACTATACCGGGTGCCTGCCAAGAGCACCTTGCTACAGGTTCTACAGC
ACCAGAGGTACTTTGTAAAAGCCCTGACACCAGCATTTTTGGTCTGTGTAGGATCCTCTC
CTTTTTGCAAGAATTTTCTCCGGGGGAGAAAGGTGTACCAGATACGATGACTAAGCCAGG
GCCCCTGGATCTCCTCCCTTACCCTCCTCTGCTGGGAACCTAGCACACCTGAATCAGCTG
GACATACTGCTGGAGTCCAGTGCTTTCTTTCCGTCACCCTGGGGATAGTCCTTCCTGGCA
TCGTGGTGGGGGAGGAGCCTCTGGCTTCCCTAAACTGCAGCCTCTCTGGCTGGTCTTCAC
TTTCCTCAGTTGATATAAAACTCTGGGTCTTGGCCATGATGTCCTTGGACTCCATCGCTA
AAGGGACCATCTGCTGCAGTTACCACAGCAACTGACCTGAGCGGCACCCTGGTCTGTGGA
GATGGACTCAGGATCCAGTGACATGATTCTGAACTTTTGTGGAGTTTGACACCTTAGAGA
AGCTACCCCTCAAACTGCACATCTACACACAAACAAACAATGCATAGGATTCCAAGGCTT
TAAAGCTGAGAGACCCTGGCCTCAAGTTATTTCATGCGCACAGAGGGAAGCCATGTGGGG
TTGCTGAAGATGCCTTGAGGTGAAATGGGGGCAGGAAAGCCACATCTTGCTCTGCATTTA
TAAAGACCGTACAAACTGAGATCCTTGGTACCCCTAAAAAGATTGCCAATTTTCTTCATC
TTTGCCATATGGAGGACTGTGACAGACTTTGGACAGTGGCCTCTTGAGTTCCTCTGCAGT
TTTGACATTTAGGATTTTGTGTCTTTTAAACTGGAAAATCTTCTAGCATGTTGGGTTGTT
ACAGAGTATATTTTTGTCTGCAGCTGTTTGTTGCCCCATTCCTAAGAGGAGTTTATCCAT
CCTGAAAAAAAAAAAAAAAAAAAAAA
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Restriction Sites: ECoRI-NOT

ACCN: NM_004623

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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_004623.2, NP_004614.2
RefSeq Size:	2006 bp
RefSeq ORF:	1164 bp
Locus ID:	7268
UniProt ID:	O95801
Cytogenetics:	1p32.3
Domains:	TPR
Gene Summary:	This gene encodes a protein that contains tetratricopeptide (TPR) repeats, which often mediate protein-protein interactions and chaperone activity. The encoded protein interacts with heat shock proteins 70 and 90. Alternative splicing results in multiple transcript variants. Naturally-occuring readthrough transcription occurs from upstream gene MROH (maestro heat-like repeat family member 7) to this gene. [provided by RefSeq, Apr 2014] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).