

Product datasheet for **SC114548**

TPPP3 (NM_015964) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TPPP3 (NM_015964) Human Untagged Clone
Tag:	Tag Free
Symbol:	TPPP3
Synonyms:	CGI-38; p20; p25gamma; TPPP/p20
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_015964 edited ATGGCAGCGAGCACAGACATGGCTGGGCTGGAGGAGAGCTTCCGCAAGTTTGCCATCCAT GGTGACCCCAAGGCCAGTGGGCAAGAGATGAATGGCAAGAACTGGGCCAAGCTGTGCAAG GACTGCAAGGTGGCTGACGGAAAGTCCGTGACAGGGACCGATGTGGACATCGTCTTCTCC AAAGTCAAGGGGAAGTCTGCTCGGGTCATCAACTATGAGGAGTTCAAGAAGGCCCTGGAA GAGCTGGCGACCAAGAGATTCAAGGGGAAGAGCAAGGAGGAGGCCTTCGATGCCATCTGC CAGCTGGTGGCAGGCAAAGAGCCAGCCAATGTGGGCGTCACTAAAGCAAAAACAGGGGGT GCTGTAGACCGGCTGACGGACACCAGCAGATACACGGGCTCCACAAGGAGCGCTTCGAT GAGAGCGGCAAGGGCAAGGGCATTGCGGGACGGCAGGACATCCTGGACGACAGTGGCTAC GTGAGCGCCTACAAGAATGCAGGCACCTACGATGCCAAGGTGAAGAAGTGA


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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_015964 unedited <pre> NNCCCCGTTCAAATTTTGTAAACGACTCATATAGGCGGCCGCGNAATTCGCACGAGGGAGC CGGCNAGGGAGCGGACTGCGGAGCCGCCTGGTCTCCCGCGTCCATCGGTCCATTCTGCG TCGTTCTGTCTTCCGAACGCACACTTCAGGAGCAGCCGCGAGGGTGGCATGGCAGCGAG CACAGACATGGCTGGGCTGGAGGAGAGCTTCCGCAAGTTTGCCATCCATGGTGACCCCAA GGCCAGTGGGCAAGAGATGAATGGCAAGAACTGGGCCAAGCTGTGCAAGGACTGCAAGGT GGCTGACGGAAAGTCCGTGACAGGGACCGATGTGGACATCGTCTTCTCCAAAGTCAAGGG GAAGTCTGCTCGGTCATCAACTATGAGGAGTTCAAGAAGGCCCTGGAAGAGCTGGCGAC CAAGAGATTCAAGGGGAAGAGCAAGGAGGAGCCCTTCGATGCCATCTGCCAGCTGGTGGC AGGCAAAGAGCCAGCCAATGTGGCGCTCACTAAAGCAAAAACAGGGGGTGTGTAGACCG GCTGACGGACACCAGCAGATACACGGGCTCCACAAGGAGCGCTTCGATGAGAGCGGCAA GGGCAAGGGCATTGCGGGACGGCAGGACATCCTGGACGACAGTGGCTACGTGAGCGCCTA CAAGAATGCAGGCACCTACGATGCCAAGGTGAAGAAGTGAAGGCTTGNGAAGACCGCCCTG CCAAGTGGGCTGCCCTGCCAGAGGCTCANGCCTGGGTCTAAGGNGCACGTGGAGCAAG AGATCCTGGTCCCTCCCTGCTGGACCTGCCACCCAAAGCTTCTGCCTAGTCCCACTGG GCTGGCCACCANGCCTCTGACCCAGCTGCTCTGCNGGCCCTTCTNCTNCTCTNCTGC TCCAACCTCN </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_015964
Insert Size:	1250 bp
OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery. The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
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_015964.2 , NP_057048.2
RefSeq Size:	1055 bp

RefSeq ORF: 531 bp

Locus ID: 51673

UniProt ID: [Q9BW30](#)

Cytogenetics: 16q22.1

Gene Summary: Binds tubulin and has microtubule bundling activity. May play a role in cell proliferation and mitosis.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (2) differs in the 5' UTR, compared to variant 1. Both variants 1 and 2 encode the same protein.