

Product datasheet for **SC307912**

TPTE2 (NM_199254) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TPTE2 (NM_199254) Human Untagged Clone
Tag:	Tag Free
Symbol:	TPTE2
Synonyms:	TPIP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC307912 representing NM_199254.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCACGATCGCC
ATGAATGAAAGTCCACAGACAAACGAATTTAAAGGAACAACCGAGGAGGCACCTGCGAAAGAAAGCCCA
CACACAAGTGAATTTAAAGGAGCAGCCCTGGTGCACCTATCAGTAAAAGTATGTTAGAAGCACTTTCC
AAGTTTGAAGTTGAAGATGCTGAAAATGTTGCTTCATATGACAGCAAGATTAAGAAAATTGTGCATTCA
ATTGTATCATCCTTTGCATTTGGAATATTTGGAGTTTTCTGGTCTTACTGGATGCACTCTCCTCCTT
GCCGACCTAATTTTCACTGACAGCAAATTTATATTCCTTTGGAGTATCGTTCTATTTCTAGCTATT
GGCTTATTTTTTCTCATGGATGTTCTTCTCGAGTATTTGTAGAAGGAGACAGCAGTATTTTTCTGAC
TTATTTAACATTTTAGATACTGCCATTATTGTGATTCCTCTGCTGGTGTGATGTCATTTACATTTTTTT
GACATTAAGTTGCTTAGGAATATCCAGATGGACACATTTAGTTCGACTTCTACGACTTATTATTCTG
ATAAGAATTTTTCATCTGCTTCATCAAAAAGACAACCTGAAAAGCTGATGAGAAGGCTGGTTTCAGAA
AACAAAAGGCGATACACAAGGGATGGATTTGACCTAGACCTCACTTACGTTACAGAACGTATTATTGCT
ATGTCATTTCCATCTTCTGGAAGCAGTCTTTCTATAGAAATCCAATTGAGGAAGTTGTGCGGTTTCTA
GATAAGAAACATCGAAACCCTATCGAGTCTACAATCTATGCAGTGAAAGAGCTTATGATCCTAAGCAC
TTCCATAATAGGGTCAGTAGAATCATGATTGATGATCATAATGTCCCACTCTACATGAGATGGTGGTT
TTCACCAAGGAAGTAAATGAGTGGATGGCTCAAGATCTTGAAAACATCGTAGCGATTCACTGTAAAGGA
GGCAAAGGAAGAACCGGGACTATGGTTTGTGCCCTCCTATTGCCTCCGAAATATTTTTAACTGCCGAG
GAAAGCCTATATTTTTGGAGAAAGGCGAACCAATAAAACCCACAGCAATAATTTCCAGGGAGTAGAA
ACTCCTTCTCAGAATAGATATGTTGGATATTTGCACAAGTGAACATCTCTACAACCTGGAATCTCCCT
CCAAGCGGATACTCTTTATAAAAAGATTCATTATTTATTCGATTCGTGGTGTGATGTGATGATGATGATG
GTCCAAGTAGTAATGGAGAAAAGGTTGCTTTTCCAGTACTTCATTAGGAAATTTGCGATATTGCAT
GACATTGAAACAGACAAAATATTAATTAATGTATGACGGTCCACCTCTGTATGATGATGTGAAAGTG
CAGTTTTTCTCTCGAATCTTCTAAATACTATGACAATTGTCCATTTTTCTTCTGGTTCAACACGTCT
TTTATTCAAAATAACAGGCTTTGTCTACCAAGAAATGAATTGGATAATCCACATAAAACAAAAGCATGG
AAAATTTATCCACCAGAATTTGCTGTGGAGATACTTTTTGGCGAGAATGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: SgfI-MluI

Plasmid Map:

ACCN: NM_199254

Insert Size: 1569 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](#)

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:	<ol style="list-style-type: none">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_199254.2
RefSeq Size:	1974 bp
RefSeq ORF:	1569 bp
Locus ID:	93492
UniProt ID:	Q6XPS3
Cytogenetics:	13q12.11
Protein Families:	Druggable Genome, Transmembrane
MW:	61.1 kDa
Gene Summary:	TPIP is a member of a large class of membrane-associated phosphatases with substrate specificity for the 3-position phosphate of inositol phospholipids.[supplied by OMIM, Jul 2002] Transcript Variant: This variant (3) represents the longest transcripts and encodes the longest isoform (gamma).