

Product datasheet for **SC325062**

TPTE2 (NM_001141968) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: TPTE2 (NM_001141968) Human Untagged Clone
Tag: Tag Free
Symbol: TPTE2
Synonyms: TPIP
Vector: pCMV6 series

Fully Sequenced ORF: >NCBI ORF sequence for NM_001141968, the custom clone sequence may differ by one or more nucleotides

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ATGAATGAAAGTCCACAGACAAACGAATTTAAAGGAACAACCGAGGAGGCACCTGCGAAA  
GAAAGCCACACACAAGTGAATTTAAAGGAGCAGCCCTGGTGTCACCTATCAGTAAAAGT  
ATGTTAGAACGACTTTCCAAGTTTGAAGTTGAAGATGCTGAAAATGTTGCTTCATATGAA  
TGGACACATTTAGTTCGACTTCTACGACTTATTATTCTGATAAGAATTTTTTCATCTGCTT  
CATCAAAAAGACAACCTGAAAAGCTGATGAGAAGGCTGGTTTCAGAAAACAAAAGGCGA  
TACACAAGGGATGGATTTGACCTAGACCTCACTTACGTTACAGAACGTATTATTGCTATG  
TCATTTCCATCTTCTGGAAGGCAGTCTTTCTATAGAAATCCAATTGAGGAAGTTGTGCGG  
TTTCTAGATAAGAAACATCGAAACCACTATCGAGTCTACAATCTATGCAGTGAAAGAGCT  
TATGATCCTAAGCACTTCCATAATAGGGTCAGTAGAATCATGATTGATGATCATAATGTC  
CCCCTCTACATGAGATGGTGGTTTTCCACCAAGGAAGTAAATGAGTGGATGGCTCAAGAT  
CTTGAAAACATCGTAGCGATTCACTGTAAAGGAGGCAAAGGAAGAACCGGGACTATGGTT  
TGTGCCCTCCTTATTGCCTCCGAAATATTTTTAACTGCCGAGGAAAAGCCTATATTTTT  
GGAGAAAGGCGAACCAATAAAACCCACAGCAATAAATTTACGGGAGTAGAAAACCTCTTCT  
CAGAATAGATATGTTGGATATTTTGCACAAGTGAACATCTCTACAACCTGGAATCTCCCT  
CCAAGACGGATACTCTTTATAAAAAGATTCATTATTTATTCGATTTCGTTGGTATGATGT  
GATCTAAAAGTCCAAGTAGTAATGGAGAAAAAGTTGTCTTTTCCAGTACTTCATTAGGA  
AATTGTTTCGATATTGCATGACATTGAAACAGACAAAATATTAATTAATGTATATGACGGT  
CCACCTCTGATGATGATGTGAAAGTGCAGTTTTTCTCTTTCGAATCTTCTAAATACTAT  
GACAATTGTCCATTTTTCTTCTGGTTCAACACGCTTTTTATTCAAATAACAGGCTTTGT  
CTACCAAGAAATGAATTGGATAATCCACATAAACAAAAAGCATGGAAAATTTATCCACCA  
GAATTTGCTGTGGAGATACTTTTTGGCGAGAAA
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Restriction Sites: Please inquire

ACCN: NM_001141968

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).



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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:	<u>NM_001141968.1</u> , <u>NP_001135440.1</u>
RefSeq Size:	1833 bp
RefSeq ORF:	1236 bp
Locus ID:	93492
UniProt ID:	<u>Q6XPS3</u>
Cytogenetics:	13q12.11
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (4) includes an additional exon in the 5' UTR and lacks three consecutive in-frame exons in the coding region, compared to variant 3. The resulting isoform (delta) has the same N- and C-termini but lacks an internal segment compared to isoform gamma.</p>