

## Product datasheet for **SC305906**

### TPTE2 (NM\_130785) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	TPTE2 (NM_130785) Human Untagged Clone
Tag:	Tag Free
Symbol:	TPTE2
Synonyms:	TPIP
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_130785, the custom clone sequence may differ by one or more nucleotides ATGAATGAAAGTCCACAGACAAACGAATTTAAAGGAACAACCGAGGAGGCACCTGCGAAA GAAAGCCACACACAAGTGAATTTAAAGGAGCAGCCCTGGTGTCACCTATCAGTAAAAGA ATATTTGGAGTTTTCTGGTCTTACTGGATGTCACCTCTCCTTGCAGCCTAATTTTC ACTGACAGCAAACCTTTATATTCCTTTGGAGTATCGTTCTATTTCTCTAGCTATTGGCTTA TTTTTCTCATGGATGTTCTTCTCGAGTATTTGTAGAAGGATGGACACATTTAGTTCGA CTTCTACGACTTATTATCTGATAAGAATTTTTCATCTGCTTCATCAAAAAGACAACCTT GAAAAGCTGATGAGAAGGCTGGTTTCAGAAAACAAAAGGCGATACACAAGGGATGGATTT GACCTAGACCTCACTTACGTTACAGAACGTATTATTGCTATGTCATTTCCATCTTCTGGA AGGCAGTCTTTCTATAGAAATCCAATTGAGGAAGTTGTGCGGTTTCTAGATAAGAAACAT CGAAACCACTATCGAGTCTACAATCTATGCAGTGAAAGAGCTTATGATCCTAAGCACTTC CATAATAGGGTCAGTAGAATCATGATTGATGATCATAATGTCCCCACTCTACATGAGATG GTGGTTTTACCAAGGAAGTAAATGAGTGGATGGCTCAAGATCTTGAAAACATCGTAGCG ATTCAGTGTAAAGGAGGCAAAGGAAGAACCGGGACTATGGTTTGTGCCCTCCTTATTGCC TCCGAAATATTTTAACTGCCGAGGAAAGCCTATATTATTTGGAGAAAGCGAACCAAT AAAACCCACAGCAATAAATTTTCAGGGAGTAGAACTCCTTCTCAGAATAGATATGTTGGA TATTTTGCACAAGTAAACATCTCTACAACCTGGAATCTCCTCCAAGACGGATACTCTTT ATAAAAAGATTCAATTATTTATTCGATTCGTTGATGTATGTGATCTAAAAGTCCAAGTA GTAATGGAGAAAAAGTTGTCTTTTCCAGTACTTCATTAGGAAATTGTTTCGATATTGCAT GACATTGAAACAGACAAAATATTAATTAATGTATATGACGGTCCACCTCTGTATGATGAT GTGAAAGTGCAGTTTTCTCTCGAATCTTCTAAATACTATGACAATTGTCCATTTTTC TTCTGGTTCAACACGTCTTTTATCAAATAACAGGCTTGTCTACCAAGAAATGAATTG GATAATCCACATAAAACAAAAGCATGAAAATTTATCCACCAGAATTTGCTGTGGAGATA CTTTTTGGCGAGAAATGA
Restriction Sites:	Please inquire
ACCN:	NM_130785



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<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	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.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_130785.2</a></u> , <u><a href="#">NP_570141.2</a></u>
<b>RefSeq Size:</b>	1735 bp
<b>RefSeq ORF:</b>	1338 bp
<b>Locus ID:</b>	93492
<b>UniProt ID:</b>	<u><a href="#">Q6XPS3</a></u>
<b>Cytogenetics:</b>	13q12.11
<b>Protein Families:</b>	Druggable Genome, Transmembrane
<b>Gene Summary:</b>	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 (1) lacks three alternate in-frame exons, compared to variant 3. The resulting isoform (alpha) has the same N- and C- termini but lacks two internal segments compared to isoform gamma.