

## Product datasheet for **SC215611**

### TPK1 (NM\_001042482) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	TPK1 (NM_001042482) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	TPK1
Synonyms:	HTPK1; PP20; THMD5
ACCN:	NM_001042482
Insert Size:	1634 bp



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<b>Insert Sequence:</b>	<p>&gt;SC215611 3'UTR clone of NM_001042482 The sequence shown below is from the reference sequence of NM_001042482. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site</p> <pre>GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CTCCTCTGGACCATGGCCATCAAAAGCTAACCTGTTGACTGGCATCCATAAGTGTGCCTCTGCCTTATC TCATTTCTCAACAGTTCATTGCTCAACAAGAACGATTCACCTGGGTTTGCAAGAATCTAAACCTCTCTA GGGAAGCCCACTGGGTTAAAGATGTTAGTGTTAGATAATACAGGTAACATTATAAATGACAGATCT CAATTTTATAGTAGTGGGAAAGATACATGCTAAGAAAGCAAATAAGCTCTATTATATTCGGTTGGAACC TAATGGGAATCATTCCACTATACAATTCAGTACTGATTATTCTTCTTACATTATTAATCATTCCATTTA TCCTAGAAAATTGTTTTAATTTGAATCAGAGAAAAGTGTGAGGTTCTCTGGAGTCTAGAACATCC TTAAATGTCTAACACAAGGGCTACCTCTGAGTACCTTTTAGTATTAGTTTTCTGTATATGATATATAT TATCTTATACTGAAAAAAATTCCTTTTCAGATTGGGGTGTAGAAGTGCACCAGGTCACCTGACCTTA TACTGTCTTTGGTATTGTCTTAAATAAATCAAGAATCATTGACCTAATTGTTAAATTTAAAAATAGGT AGTTAGCAATAGGTGGAAGAGAAATGATGTGAAAGATAAATGATGATTCGTGGAGCCCTACTCACACA TTAACCCCAAAATTCAAAAGTAAGAATGCAAAAGTCTAGAGGGGTAACAGTCTGCATCATCACAA CCTAAATGGAGAAAGCTGTGCAGAGGAACTTAAGCATAAAAAATTGAATTCGTTTCTGACATACCTTAG ACTGAAAACTGTTGGTTCATCCAGAAGTGTATTCATATTACCAGAAAATGAGTTTGTCTATGGGGATA CATGAACCTCATATACTAAGGAGCCTAACTCCAAAGCCTGCGTTCATCCCAGTCTGATATTCACCTA AGTTCCGGACCCTTTTCTTAGCTGTAATGGAAGCGGTTGGACTGATGGTGTCTGAGGTTCTTTCC CACACTGAAATTCTAAATATTGACACTTAGCAGTCATAGGGCTGATAATACACACAGTACTGACTTAG CCTAAACCAACCTGGTGCATCGAAATGTATTACCTTTCTTTTGTAAAGAGACCATCTTCTATCTTTT CCACCTTTCTCTGTTTTATGAAACCAACTGTTGACATACAAACCATGATTGAAGGAGAACCTGTCCAAC ATGTTTTATGTACACAAATCCCTATGTTGCTATAAGAAAAGTGAAGTAAGTGTCTTTCTTGTGTGCT ATGACAGTGTGAGACTCAGGTTGTCTGTAGAGAATGAAAGGAGCAGTGGCCCGCGTGATTGTGGCATT AAGGAGCAGTGGCCATGTGACTGTGGCATTTCGGCACCTTTCATTACTTTCTGCTTGACCGGAAGTT GAGGCTTAGCTATGTTTCCATCTCAGTTTCTGAAGACTAGTTATATATTCCTTACTAGAAATATATTC ATAATATATAAAAGAAATATATCTGTGATTTTAAATTTTGTACCAAAGAATGCATGTTCTGTGTGCC CTGAAAATGTTACCAGTGTAAATAAATGGATACTTATCAAAAAAGAA ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG</pre>
<b>Restriction Sites:</b>	Sgfl-MluI
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
<b>Components:</b>	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
<b>RefSeq:</b>	<a href="#">NM_001042482.2</a>
<b>Summary:</b>	The protein encoded by this gene functions as a homodimer and catalyzes the conversion of thiamine to thiamine pyrophosphate, a cofactor for some enzymes of the glycolytic and energy production pathways. Defects in this gene are a cause of thiamine metabolism dysfunction syndrome-5. [provided by RefSeq, Apr 2017]

Locus ID: 27010

MW: 62.7