

Product datasheet for **SC216747**

ITPK1 (NM_001142593) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ITPK1 (NM_001142593) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ITPK1
Synonyms:	ITRPK1
ACCN:	NM_001142593
Insert Size:	2000 bp



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Insert Sequence: >SC216747 3'UTR clone of NM_001142593
 The sequence shown below is from the reference sequence of NM_001142593. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TCCTGGCCACCAAGGCCTCCTCCAGTAGCCACGGAGCCGGACCCAGAGGGGCAGCGCAGGGCGCAG
AGCACACCCGCTGGGCCAGCAGCTCCCAACGGCGATGCTACTACTAAGAATCCCCAGTGATCTGATTCT
TCTGTTTTTAATTTTTAACCTGATTCTCTGATGTCTGATCTAAATGAGGGGTAGTGGGGGATGGAAG
AGAGTACCAGGTGGTCCACCGTTGGGAGTGGGGCGTCCGCTGCTCTACTGTGCAGACCTCTAA
CTGAGTTTACACACGCTTGTGTTGCAACACTAGGTCTGGATGGGAGGTGAGGGGTGCGTATGGCTG
CCATGCCAGTGTCTGTGCACATCCCTGTCTGTTGGTCTCCATGGCCACTGTGGACCGGGACCCTTGGGG
GAAGCCTGCCATGTGGGCTGTGGGAGGCTGATCGGTGCATGTGAGAGTGGCTTCCCTTCTGCCTGAC
TCCCCACTCCCTGACCTGCCCTTCTTGTGTTTTCTCCTACTGGTCTCCACCAAGGCTTTGTTAGCCC
CCACCCTGCCTGGTGTGCAGTAACCCCTCCCTCCACAGCCAGAGGAGCCACAGACCCCTCAGGGG
AGTTCCGCGCTGGGGTCTGGGCTGTGCTCCCTCACTAAAGGGAAGGAAAGGAAAGTGGGGCTCCTCTGG
GCCCCCAACACACGTCCTATTTAGCCCTGCACAGCGGTCTCCTTCCCCTAAGCCAGCACTGCTGTCTC
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TAGGTGAGGATAGGCGCGGGAGCCTCGGCATGACACCATGGAGATCGGGGCCCTTCCCAGTGGGTTT
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GCGAGGGGCAGAGGCCATCAGAAGTCCCGGCTTTTTTGGAAACTGAGGACCAACAATAACCAGTT
TACACGACTTGAGTTTTGAACCCGATTAATGTCTGTACGTACCTTTCTAGTTCTGACCTGAGCCC
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CGATTTACACGTGTTTACACATGTTGCTCAAGTTTGTATGTACTACTCCAGTCTTAAAAGACGT
TTAATAAAACAGCTTTACCTTTTAAAAATAAAATTTCAATCCCAGTCTGCCTCAGGTACGGGTGGGGT
GTGCAGCGTGACTCCTGGCTGTGTTCTGTACCGTTTGTGGCCTCCGGGGTCTTGGCGGTCCAGGGCCC
AGATACCGAGTAACTGCCATGTGGTGTGCGTGGTGGCGTCCATAGGCCTCCGTGGTGGGGCGGGGCGG
ACGCGT AAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: 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).

Components: 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.

RefSeq: [NM_001142593.3](#)

Summary: This gene encodes an enzyme that belongs to the inositol 1,3,4-trisphosphate 5/6-kinase family. This enzyme regulates the synthesis of inositol tetraphosphate, and downstream products, inositol pentakisphosphate and inositol hexakisphosphate. Inositol metabolism plays a role in the development of the neural tube. Disruptions in this gene are thought to be associated with neural tube defects. A pseudogene of this gene has been identified on chromosome X. [provided by RefSeq, Jul 2016]

Locus ID: 3705

MW: 71.8