

Product datasheet for **SC216748**

ITPK1 (NM_014216) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ITPK1 (NM_014216) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ITPK1
Synonyms:	ITRPK1
ACCN:	NM_014216
Insert Size:	2000 bp



[View online »](#)

Insert Sequence:

>SC216748 3'UTR clone of NM_014216

The sequence shown below is from the reference sequence of NM_014216. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TCCTGGCCACCAAGGCCTCCTCCAGTAGCCACGGAGCCGGGACCCAGAGGGGCAGCGCAGGGCGCAG
AGCACACCCGCTGGGCCAGCAGCTCCCAACGGCGATGCTACTACTAAGAATCCCCAGTGATCTGATTCT
TCTGTTTTTAAATTTTAACTGATTCTCTGATGTCATGATCTAAATGAGGGGTAGTGGGGGATGGAAG
AGAGTACCAGGTGGTCCACCGTTGGGAGTGGGGCGTCCGCTGCTCTACTGTGCAGACCTCTAA
CTGAGTTTACACACGCTTGTGTTGCAACACTAGGTCTGGATGGGAGGTGAGGGGTGTCGATGGCTG
CCATGCCAGTGTCTGTGCACATCCCTGTCTGTTGGTCTCCATGGCCACTGTGGACCGGGACCCTTGGGG
GAAGCCTGCCATGTGGGCTGTGGGAGGCTGATCGGTGCATGTGAGAGTGGCTTCCCTTCTGCCTGAC
TCCCCACTCCCTGACCTGCCCTTCCCTGTTTTTCTCCTACTGGTCTCCACCAAGGCTTTGTTAGCCC
CCACCCTGCCTGGTGTGCAGTAACCCCTCCCTCCACAGCCAGAGGAGCCACAGACCCCTCAGGGG
AGTTCCGCGCTGGGGTCTGGGCTGTGCTCCCTCACTAAAGGGAAGGAAAGGAAAGTGGGGCTCCTCTGG
GCCCCCAACACACGTCATTTAGCCCTGCACAGCGGTCTCCTTCCCCTAAGCCAGCACTGCTGCTCC
CTGGAGCCCGGAAGGAGGCTGCCTGGCTGGAGGCCCGAGCCGATGGCGCCTGTGCTGAGGATTTGTGC
TGTGATTTGGGCAAAATCATTCCAGGTCTTTGGGCTCCACCCCTTGTCTCTAGTGGACATTTGAGATC
AGAGAGCACCACAGGGCTGGCTTGTGCCCTAACCCCTGGGATGCAGCCTGCCTTCCATAAAGTACC
TAGGTGAGGATAGGCGCGGGAGCCTCGGCATGACACCATGGAGATCGGGGCCCTTCCAGTGGGTTT
ACTCCTTTTACACCTGCTGGTCCCTCCTCACCCAGCAGGCTGGTCCACCTCTATTGCAAGCCCCA
AGCACTGAGCCAGCAGGTGCCAGGGAGCCACCCGCCCCCATCGCTTCTGCACACCTCAGACTCACCCC
ATCACCTTGGCAGCAAAGCACTGGCTCTGCCGTGTGACCCTGATCCAGGAGCCCCCTCTGCAGAGAA
AAGGGTTGGGAGAAGCCTCTGCAGTCTGGAAGATGTGGGGTGTGGGTGAGAGGCATCAGCCCCAC
AAGTATGTTTTGTGCTTAAGATAGCAGTTTACTTTGAAAAAGTAAAAAGGCTTCCGGCTGTCTCT
TGCCAGTGAGATGGAGGACGCTAGAGAAAGTGTGAGTGTCCGAGAGAGGCCCCCGAGCCAGTGCAT
GGAGGTCTTCCGGCTGGCTCAGCTGGGCTGCAGGATGCCCACTTTGAGGAGGGAGGCACAGGGCTTGG
GCGAGGGGCAGAGGCCATCAGAAGTCCCGGCTTTTTTGGAACTGAGGACCAACAATAACCAGTT
TACACGACTTGAGTTTTGAACCCGATTAATGTCTGTACGTACCTTTCTAGTTCTGACCTGAGCCC
TGGGGAACAGGAAAGCCTGGCTGCCTCTGCACTGCTTTGTCTCCAAAATAAACTACTGAAATCAAC
CGATTTACACGTTTACACATGTTGCTCAAGTTTGTATGTACTACTCCAGTCTTAAAAGACGT
TTAATAAAACAGCTTTACCTTTTAAAAATAAAATTTCAATCCCAGTCTGCCTCAGGTACGGGTGGGGT
GTGCAGCGTGACTCCTGGCTGTGTTCTGTACCGTTTGTGGCCTCCGGGGTCTTGGCGGTCCAGGGCCC
AGATACCGAGTAACTGCCATGTGGTGTGCGTGGTGGCGTCCATAGGCCTCCGTGGTGGGGCGGGGCGG
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

Restriction Sites:

Sgfl-Mlul

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_014216.6](#)

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