

Product datasheet for **SC215481**

ITPK1 (NM_001142594) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ITPK1 (NM_001142594) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ITPK1
Synonyms:	ITRPK1
ACCN:	NM_001142594
Insert Size:	1599 bp



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Insert Sequence:	<p>>SC215481 3'UTR clone of NM_001142594 The sequence shown below is from the reference sequence of NM_001142594. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site</p> <pre>GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC TGCTTTATAGAAGGCTGGAAGACCGACTGAAGTAGGAAGCTGTCACATGTTTGAGCCAAGTGGCAAG CAGCTGTTGCCTGCCAGACAGCCACCCCAAGACCAAGGGAGCCAGCCTGTCGTTTGTCTTCTAGCCTG GAAGACCAGTTCTTGGCTCTTGGGCACTCACATTGGCCACTGGCCACAAGTCTGAATGGCTTCACTAA TGTCCCTGGGGTCTGTATCTGCCCTCTTCTATTCCCTAGAACTCTGGCCGGGCATGGCGGCTCAGC CCTGTCATCCCAGCACTTAGGGAGGCTGAGGCAGGTGGATCACAAGGTCAAGAGATCGACACCATCTG GCCAATGTTGAAACCCCATCTCTACTAAAAATACAAAAATTAGCTGGACATGGTGGTGGGCGCCTGT AGTCCCAGCTACTTGGGAGGCTGAGGCAGGAGAATTGCTTGAAGTCCGGGAGGCGTAGGTTGCAGTGAGC CAAGATCGCACCCTGCACTCCAGCCTGGCAACAGAGCAAGACTCCTCAAAAAACAAACAACAAACAA ACAAACTCTGATCATTACCCCGGTGGGATCCCCCGCAGCTCCTTCTCCTTCCCGAGCTGTGGCTCATGG GCCATTGGATTACAGACCTTGAGCTGGGTGCTGGCTGCCCTAAAGGAGCACGACCCCTCCAGCCTGGT GACCGGGAGGCAGAGAAGTGCAGCTGTCCTTGACAAAGGCCAGCCTCTGCTGCCCTCAGGCCAGCCTGG CCACACCCCGATGCCACAGTCACTGCCCGCCAGGCATAAGCCTGACTCAGGTGATACAGGCGAGGC TTCTCCCATGGGTCTCCCTTGTGAGAAAGGGTCTGTGCTGTGTACCTTCTCTGCACAGCCATTGT CAGTGTGGTTTGGAGTGAGTGAGCCTCCCGCACTGCTCAGGGGAGAGCTGGTGGAGCATGACTCCATGGC CTCCTGCTGGTTGGGGTCTTCTTCTGATTCTCACCCGCAAGGAGCAGCCAGACCCCTTTCAGAAAT GATTACATTTCCCTTCAAGAGTCATCTGTGACCTGGTGGTGTGGAGGGACTGTCCCTCCTGCAGCCT GGCCGACCCCTTCTCCAGGGCTGTGTGAATCACCTCTCAGAAGCTCACTCTGAAAAGCCACTCACA GGGATTTACCAGGATGTTGCTGTTCTGCCGACACTGGGCTTTGTGACAAATGCTGTTTGCTTCAAG CTGTTCAAGCAACTTACCAGAATCCCAAGCTGGTTCGTAATAATTTGTGTACATACATATGCATA ATATACATGACCATGTATGAGATACAGACACCATGGCTTCTGTCCATTGGCTCATTGCCTGGTCCGAT GTTCACTCCATGAGGTTAGGACTGCGGGTGGCTTTGGGATGGTGGTTTTCAGGGACAAGGTGTCGCT ATGATCTCTGATTTGCTAACTAGTCTTGTGTTTGAATTTCTAACGGTCTAGTGGAGTACAGTTAATGTTG TGTTTATTCTGTAAGTGTAGGGGTGGAGTATAAACCTAACTTTTGGAAACATGAAGAAATAACAATA GCGCCAGCCGTT ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG</pre>
Restriction Sites:	Sgfl-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_001142594.3

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: 58.9