

Product datasheet for **SC331888**

IP6K1 (NM_001242829) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: IP6K1 (NM_001242829) Human Untagged Clone
Tag: Tag Free
Symbol: IP6K1
Synonyms: IHPK1; PiUS
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC331888 representing NM_001242829.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGTGTGTTTGTCAAACCATGGAAGTGGGGCAGTATGGCAAGAATGCAAGTCGGGCTGGAGACCGGGGA
GTCCTCTGGAGCCCTTCATCCACCAAGTAGGCGGACACAGCAGCATGATGCGTTACGACGATCACACT
GTGTGCAAGCCCCTCATCTCCCGGAACAGCGCTTTTACGAGTCCCTCCCTCCCGAAATGAAGGAGTTC
ACCCCTGAATACAAAGGCGTGGTATCTGTCTGTTTTGAGGGGGACAGTGTGGTTACATCAACTTAGTG
GCCTATCCTTATGTGAAAGTGAGACTGTGGAACAGGATGACACAACAGAACGGGAGCAACCTCGGCGC
AAACACTCCCGCGGAGCCTGCACCGGTCAGGCAGTGGCAGTGACCACAAGGAGGAGAAAGCCAGCCTG
TCCCTTGAGACCTCTGAGAGCTCACAGGAGGCAAAGAGTCCGAAGTGGAGCTGCACAGCCACTCAGAG
GTCCCTTTCCAGATGCTAGATGGCAACAGTGGCTTGTGTTCTGAGAAGATCAGCCACAACCCCTGGAGC
CTGCGTTGTACAAGCAGCAGCTGAGCCGATGCGCTCCGAGTCCAAGGACCGAAAGCTCTACAAGTTC
CTCCTGCTTGAGAACGTGGTGCACCACTTCAAGTACCCCTGCGTGTGGACCTGAAGATGGGCACGCGG
CAGCATGGCGATGACGCGTCAGCTGAGAAGGCAGCCCGGAGATGCGGAAATGCGAGCAGAGCACATCA
GCCACGCTGGGCGTCAGGGTCTGCGGCATGCAGGTGTACCAGCTGGACACAGGGCATTACCTCTGCAGG
ACAAGTACTATGGCCGTGGGCTCTCCATTGAAGGCTCCGCAATGCCCTCTATCAATATCTGCACAAT
GGCCTGGACCTGCGAGCTGACCTGTTTGAGCCTATCCTGAGCAAACCTGCGGGGCTGAAAGCTGTGCTG
GAGCGGCAGGCCTTTACCGCTTCTACTCCAGTTCCTGCTTGTGATCTATGATGGCAAGGAGTGCAGG
GCTGAGTCTGCTGGACCGCCGGTCTGAGATGCGTCTCAAGCACCTGGACATGGTGTCCCTGAGGTG
GCGTCATCCTGTGGCCCCAGCACCCAGCCCCAGCAACACCAGCCCCGAGGCGGGTCCCTCCTCTCAGCCC
AAGGTGGATGTCCGATGATTGACTTTGCACACAGCACATTCAAGGGCTTCCGGGATGACCCACCGTG
CATGATGGCCAGACAGAGGCTACGTGTTTGGCCTGGAGAACCTCATCAGCATCATGGAACAGATGCGG
GACGAGAACCAGTAG
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Restriction Sites: SgfI-RsrII
ACCN: NM_001242829
Insert Size: 1326 bp



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OTI Disclaimer:	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).
Components:	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).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.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.
RefSeq:	NM_001242829.1
RefSeq Size:	4806 bp
RefSeq ORF:	1326 bp
Locus ID:	9807
UniProt ID:	Q92551
Cytogenetics:	3p21.31
Protein Families:	Druggable Genome
MW:	50.2 kDa
Gene Summary:	<p>This gene encodes a member of the inositol phosphokinase family. The encoded protein may be responsible for the conversion of inositol hexakisphosphate (InsP6) to diphosphoinositol pentakisphosphate (InsP7/PP-InsP5). It may also convert 1,3,4,5,6-pentakisphosphate (InsP5) to PP-InsP4. Alternatively spliced transcript variants have been described. [provided by RefSeq, Jun 2011]</p> <p>Transcript Variant: This variant (3) differs in the 5' UTR compared to variant 1. Variants 1 and 3 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>