

Product datasheet for **SC108760**

PIK3IP1 (NM_052880) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PIK3IP1 (NM_052880) Human Untagged Clone
Tag:	Tag Free
Symbol:	PIK3IP1
Synonyms:	HGFL; hHGFL(S); TriP
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_052880, the custom clone sequence may differ by one or more nucleotides

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ATGCTGTTGGCCTGGGTACAAGCATTCTCGTCAGCAACATGCTCCTAGCAGAAGCCTATGGATCTGGAG
GCTGTTTCTGGGACAACGGCCACCTGTACCGGGAGGACCAGACCTCCCCCGCGCCGGGCCTCCGCTGCCT
CAACTGGCTGGACGCGCAGAGCGGGCTGGCCTCGGCCCGTGTGCGGGGCCGGCAATCACAGTTACTGC
CGAAACCCGGACGAGGACCCGCGCGGGCCCTGGTGTACGTAGTGGCGAGGCCGGCGTCCCTGAGAAAC
GGCCTTGCAGGACCTGCGCTGTCCAGAGACCACCTCCCAGGCCCTGCCAGCCTTACGACAGAAATCCA
GGAAGCGTCTGAAGGGCCAGGTGCAGATGAGGTGCAGGTGTTGCTCCTGCCAACGCCCTGCCCGCTCGG
AGTGAGGCGGCAGCTGTGCAGCCAGTGATTGGGATCAGCCAGCGGTGCGGATGAACTCCAAGGAGAAAA
AGGACCTGGGAACTCTGGGCTACGTGCTGGGCATTACCATGATGGTGATCATCATTGCCATCGGAGCTGG
CATCATCTTGGGCTACTCCTACAAGAGGGGGAAGGATTTGAAAGAACAGCATGATCAGAAAGTATGTGAG
AGGGAGATGCAGCGAATCACTCTGCCCTTGTCTGCCTTACCAACCCACCTGTGAGATTGTGGATGAGA
AGACTGTCGTGGTCCACACCAGCCAGACTCCAGTTGACCTCAGGAGGGCACCACCCCTTATGGGCCA
GGCCGGGACTCCTGGGGCCTGA
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_052880 unedited
 TTTGTATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGGNAACAGCATAACAA
 GGGCAGGTCTGACTGCAAGGCTGGGACTGGGAGGCAGAGCCGCCCAAGGGGCTCGG
 TTAACACTGGTCGTTCAATCACCTGCAAGACGAAGGAGGCAAGGATGCTGTTGGCCTGG
 GTACAAGCATTCTCGTCAGCAACATGCTCCTAGCAGAAGCCTATGGATCTGGAGGCTGT
 TTCTGGGACAACGGCCACCTGTACCGGGAGGACCAGACCTCCCCGCGCCGGGCTCCGC
 TGCCCTCAACTGGCTGGACGCGCAGAGCGGGCTGGCCTCGGCCCCCGTGTGCGGGGCGGC
 AATCACAGTTACTGCCGAAACCCGGACGAGGACCCGCGCGGGCCCTGGTGCTACGTCAGT
 GCGAGGCGCGGCTCCCTGAGAAACGGCCTTGCGAGGACCTGCGCTGTCCAGAGACCACC
 TCCCAGGCCCTGCCAGCCTTACGACAGAAATCCAGGAAGCGTCTGAAGGGCCAGGTGCA
 GATGAGGTGCAGGTGTTTCGCTCTGCCAACGCCCTGCCGCTCGGAGTGAGGCGGAGCT
 GTGCAGCCAGTGATTGGGATCAGCCAGCGGGTGCAGGATGAACTCCAAGAGAAAAAGGACC
 TGNNGACTCTGGGCTACGTGCTGGGCATTCCATGATGGTATCATATTGCCATCGGAGC
 TGCATCATCTTNGCTCTTCTACAGAGGGGAAGGATTTGAAAGACAGCATGTCAGAAGT
 TGTGAGAGGGAGATGCACGATACTCTGNCCTTGCTGCCTACCACCCACTGTGAATAGT
 ATAAAACAAGGGGGGGGGTCAACAACCGACTCAGTG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_052880 unedited
 CCCAAAAGGGAACCAANNNNCCNNTNNNNNAATTTTACTTGNACCCGGCCGAATCTAN
 ATCGAGTTTTTTTTTTTTTTTTTTTTATTTTAAAACTAATATATTTTTTCAATGCCATCCC
 TTGACCTGCTTTACCTTAACCATGAATAACAGTGTATGCCACTCAAGCCACAGTGGAGA
 CTGAGGCCATCTAGTAAAGCACAGAGGAGCCTGGGGAGCTCCCCGTCTATCCCTGGTT
 CAGTTCAGGGGTGCAGGCAATGTTTGAAGCCCTTAGCAGCAGCATCACTGTGGGAGCT
 GCCACTGTCTCCATCCACAGACAAAATCTGCTCCAAGGGATGGACAAGGAGCACTGTTAG
 GACCCTACCCAGCCTTACCCTCAGCCCACAGGGCCACCTGCTTCTGCACTCTTACTAGG
 ATTCGCCAAAAAAGGGGGGAGTGGTAGGGTTTTAACCAGAACACAAAGTGGTAGTTCCT
 CCTAGCTGTAGGAGGGTGGGCTGTCTGCACCAAGTGTCTGCATGGGCTCCTGCCACTGG
 GGGGGCTCAGGCCCCAGGAGTCCCGGCTGGCCATAAGGGGGGTGCTGCCCTCCTGAGG
 GTCAACTGGAGTCTGGCTGGTGTGGACCAGCAGTCTTCTCATCCACAATCTCACAGGT
 GGGGTTTTGGTGAATGCAGACAAGGGCCAGAGTGATTCGCTGCATCTCCCTCTCACATACT
 TTCTGATCATGCTGTTCTTTCAAATCCTTCCCCCTTTGTAGGAGTAGCCCAAGATGATG
 CCACCTCCGATGGCAATGATGAACACCATCATTGTAATGCCACCCACCGTACCCCAAAT
 TCCCCAGGTCCTTTTTCTCCCTGGAAGTTAANCCGCACCCCTTGCTGAACCCAATAACT
 GGCTGGCCAACCTGGCGACT

Restriction Sites:

NotI-NotI

ACCN:

NM_052880

Insert Size:

1530 bp

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:

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_052880.3](#), [NP_443112.2](#)

RefSeq Size: 2443 bp

RefSeq ORF: 792 bp

Locus ID: 113791

UniProt ID: [Q96FE7](#)

Cytogenetics: 22q12.2

Domains: KR

Protein Families: Transmembrane

Gene Summary: Negative regulator of hepatic phosphatidylinositol 3-kinase (PI3K) activity.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) encodes the longer isoform (1).