

Product datasheet for **SC325554**

PIK3IP1 (NM_001135911) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PIK3IP1 (NM_001135911) Human Untagged Clone
Tag:	Tag Free
Symbol:	PIK3IP1
Synonyms:	HGFL; hHGFL(S); TriP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC325554 representing NM_001135911. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTAACCGTCAGAATTTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGCTGTTGGCCTGGGTACAAGCATTCTCGTCAGCAACATGCTCCTAGCAGAAGCCTATGGATCTGGA
GGCTGTTTCTGGGACAACGGCCACCTGTACCGGGAGGACCAGACCTCCCCGCGCCGGGCCCTCCGCTGC
CTCAACTGGCTGGACGCGCAGAGCGGGTGGCCTCGGCCCCCGTGTGGGGGCGGCAATCACAGTTAC
TGCCGAAACCCGGACGAGGACCCGCGGGGCCCTGGTGTACGTACGTAGGCGAGGCGGCGTCCCTGAG
AAACGGCCTTGCAGGACCTGCGCTGTCCAGAGACCACCTCCCAGGCCCTGCCAGCCTTCACGACAGAA
ATCCAGGAAGCGTCTGAAGGGCCAGGTGCAGATGAGGTGCAGGTGTTTCGCTCCTGCCAACGCCCTGCC
GCTCGGAGTGAGGCGGCAGCTGTGCAGCCAGTATTGGGATCAGCCAGCGGGTGGGATGAATCCAAG
GAGAAAAAGGACCTGGGAATCTGGGGGAAGGATTTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites:	Sgfl-MluI
ACCN:	NM_001135911
Insert Size:	522 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).



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OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<u>NM_001135911.1</u>
RefSeq Size:	2399 bp
RefSeq ORF:	522 bp
Locus ID:	113791
UniProt ID:	<u>Q96FE7</u>
Cytogenetics:	22q12.2
Protein Families:	Transmembrane
MW:	18.5 kDa
Gene Summary:	<p>Negative regulator of hepatic phosphatidylinositol 3-kinase (PI3K) activity.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) is missing the penultimate coding exon compared to transcript variant 1. This results in a frame-shift, early translation termination and a shorter isoform (2) with a distinct C-terminus compared to isoform 1.</p>