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# Product datasheet for SC304329

## PIP3E (IPCEF1) (NM_015553) Human Untagged Clone

## Product data:

| | |
|---|---|
| **Product Type:** | Expression Plasmids |
| **Product Name:** | PIP3E (IPCEF1) (NM_015553) Human Untagged Clone |
| **Tag:** | Tag Free |
| **Symbol:** | PIP3E |
| **Synonyms:** | PIP3-E |
| **Mammalian Cell Selection:** | Neomycin |
| **Vector:** | pCMV6-Entry (PS100001) |
| **E. coli Selection:** | Kanamycin (25 ug/mL) |

**Fully Sequenced ORF:**

```
>SC304329 representing NM_015553.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGACATCATACATGGCTATTGATGGCAGTGCTCTTGTTCCCTTGCGTCAGAAGCCCAGGAGGAAAACT
CAAGGTTTTCTCACGATGAGTCGGAGGAGGATATCGTGTAAAGATCTGGGCCATGCTGACTGCCAAGGG
TGGCTGTATAAGAAAAAGGAAAAGGGAAGTTTCCTAAGCAACAAATGGAAAAAGTTCTGGGTGATACTG
AAGGGGTCGTCACTGTACTGGTATAGCAATCAAATGGCAGAGAAAGCTGATGGATTTGTCAACCTGCCT
GATTTCACTGTGGAAAGAGCATCTGAATGCAAGAAAAAGCATGCTTTTAAGATCAGCCATCCACAGATC
AAGACCTTTTATTTTGCAGCTGAGAATGTGCAGGAAATGAACGTGTGGTTAAATAAACTTGGATCGGCT
GTAATCCATCAGGAATCCACTACAAAGGATGAAGAATGTTACAGTGAAAGTGAACAGGAAGATCCAGAA
ATAGCTGCGGAGACACCACCCCCTCCTCACGCTTCCCAGACTCAGTCTTTGACTGCACAGCAGGCATCT
TCATCCTCACCCAGCCTGAGTGGAACGTCGTATTCTTTCTCTTCCCTGGAAAATACAGTGAAGACACCC
AGCAGTTTTCCTTCCTCCTTATCTAAAGAGAGACAATCCTTGCCTGACACAGTTAACAGTTTGTCTGCT
GCTGAAGATGAGGGACAACCAATAACGTTTGCTGTGCAAGTTCATTCACCTGTACCCTCAGAGGCAGGC
ATCCACAAGGCCCTGGAAAACAGTTTTGTCACATCAGAAAGTGGATTTTTGAACTCTTTATCTAGTGAT
GATACTTCTTCATTGAGTAGCAATCATGACCATCTTACTGTCCCAGATAAGCCTGCTGGATCAAAGATC
ATGGACAAAGAAGAGACAAAAGTGTCTGAAGATGATGAAATGGAGAAGCTGTACAAATCATTAGAGCAA
GCTAGTCTATCTCCTCTTGGGGACCGACGACCTTCGACTAAAAAGGAGTTGAGAAAATCCTTTGTTAAG
CGGTGTAAAAATCCATCTATAAACGAGAAACTCCACAAAATCCGAACATTGAATAGCACATTAAAGTGT
AAAGAACATGATCTGGCCATGATTAACCAGTTGCTGGATGACCCGAAGCTGACAGCCAGGAAATACAGA
GAGTGGAAAGTCATGAACACCCTGCTGATCCAGGACATCTATCAGCAGCAGCGGGCTTCGCCTGCCCCT
GATGACACTGATGACACCCCCCAGGAACTCAAGAAATCACCTTCTTCTCCCTCTGTTGAAAATTCCATT
TGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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| | |
|---|---|
| **Restriction Sites:** | SgfI-MluI |
| **ACCN:** | NM_015553 |
| **Insert Size:** | 1314 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). |
| **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:** | 1. Centrifuge at 5,000xg for 5min.<br>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.<br>3. Close the tube and incubate for 10 minutes at room temperature.<br>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.<br>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_015553.2 |
| **RefSeq Size:** | 6815 bp |
| **RefSeq ORF:** | 1314 bp |
| **Locus ID:** | 26034 |
| **UniProt ID:** | Q8WWN9 |
| **Cytogenetics:** | 6q25.2 |
| **MW:** | 49 kDa |
| **Gene Summary:** | Enhances the promotion of guanine-nucleotide exchange by PSCD2 on ARF6 in a concentration-dependent manner.[UniProtKB/Swiss-Prot Function]<br>Transcript Variant: This variant (2) has an alternate 5' UTR and has an alternate splice site in the 5' coding region, as compared to variant 1. The resulting isoform (2) is one amino acid shorter than isoform 1. |