

## Product datasheet for **SC336510**

### PI 3 Kinase p55 gamma (PIK3R3) (NM\_001303427) Human Untagged Clone

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Expression Plasmids  |
| Product Name:             | PI 3 Kinase p55 gamma (PIK3R3) (NM_001303427) Human Untagged Clone |
| Tag:                      | Tag Free   |
| Symbol:                   | P3R3URF-PIK3R3   |
| Synonyms:                 | LOC110117498-PIK3R3  |
| Mammalian Cell Selection: | Neomycin   |
| Vector:                   | pCMV6-Entry (PS100001)   |
| E. coli Selection:        | Kanamycin (25 ug/mL)   |



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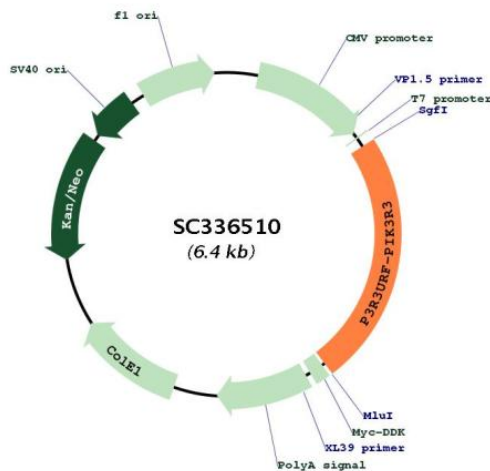
Fully Sequenced ORF: >SC336510 representing NM\_001303427.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGGGCCATCTCGGCTTGTCCGTGGCCCTCGGCCCAAGGGCATGCGTTCCCCCTACCGCAGGCCAGGT
ATGGGCTGGCCAGGCCCGGATTTCCAGGATGTTCAAGTGTAGCCGCAGAAGATATCAACAGGGTCTC
CGAGGTCGAACCGCAGCAGTGCAGCCATCAATCTGCCACCAGGGCCATGGGTATCAACAACACCCAC
ACTGACACCACCATAGTGTGGATCTTCCACCTCAAGCTCTCCACCAAAGCCACCTAAGCCAATGACT
TCAGCAGTTCCAATGGAATGAAGGACAGTTCTGTTTCTTTCAGGATGCAGAATGGTACTGGGGGAT
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TCAACAAAAATGCAGGGAGATTACTTTGACTTTGCGGAAGGGAGGCAATAATAAGTTAATAAAGATC
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CACTATCACCATGAATCTTGTCTCAGTACAATCCAACTTGATGTGAAGCTGATGTACCCAGTGTCC
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CCTGACCTGATCCAGCTGCGAAAGATCCGAGATCAACACCTTGTATGGCTCAATCACAAGGAGTGAGA
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AGATAA
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TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM\_001303427

|                               |   |
|-------------------------------|---|
| <b>Insert Size:</b>           | 1524 bp   |
| <b>OTI Disclaimer:</b>        | 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).  |
| <b>Components:</b>            | 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).  |
| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol> |
| <b>RefSeq:</b>                | <u><a href="#">NM_001303427.1</a></u>   |
| <b>RefSeq Size:</b>           | 5098 bp   |
| <b>RefSeq ORF:</b>            | 1524 bp   |
| <b>Locus ID:</b>              | 110117499   |
| <b>MW:</b>                    | 59.4 kDa  |
| <b>Gene Summary:</b>          | <p>This locus represents naturally occurring readthrough transcription between the neighboring genes LOC110117498 and PIK3R3. The readthrough transcript encodes a fusion protein that shares sequence identity with each individual gene product. [provided by RefSeq, Apr 2017]</p> <p>Transcript Variant: This variant (3) contains an alternate 5' terminal exon and uses an alternate start codon compared to variant 1. The encoded isoform (2) has a distinct N-terminus and is longer than isoform 1.</p> |