

Product datasheet for SC205664

PI 3 Kinase regulatory subunit 4 (PIK3R4) (NM_014602) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PI 3 Kinase regulatory subunit 4 (PIK3R4) (NM_014602) Human 3' UTR Clone
Symbol:	PI 3 Kinase regulatory subunit 4
Synonyms:	p150; VPS15
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_014602
Insert Size:	411 bp
Insert Sequence:	<p>>SC205664 3'UTR clone of NM_014602</p> <p>The sequence shown below is from the reference sequence of NM_014602. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p>

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGCCGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
AGAGATGGGATTGTGAAGGTGTGGAAAACCTACTGATTTGTATAAATTTAATAGTTATAAATAT
AATACTATAACTCGAGAAAAGGCATTTCTAGAGAACAGATTCATTGCTTAATTTTCAAATTTATGTCT
CCATATTACTGTTTCATGACTGACTGACTAAATGACACCCAAAATGGTTAAGATGTACTTGACTAGTTT
ACTTATGCATCTCTTTGCAAGAATCAGCCAGCCAACAATGTCTGGGATTTTATTGTATATGTTATAGA
GGTGAGAAATGTAAAATATGAAAATGAATATGTTTATTTTGTATTGAAAAGATGGTTGAAAAGATGGT
TGTAAGCTATTATAGTATAAACACATTTTGTCTATTAAAAATGCTATTCAAAGCAGTTAACTGTA
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites:	Sgfl-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.


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RefSeq: [NM_014602.3](#)

Summary: Regulatory subunit of the PI3K complex that mediates formation of phosphatidylinositol 3-phosphate; different complex forms are believed to play a role in multiple membrane trafficking pathways: PI3KC3-C1 is involved in initiation of autophagosomes and PI3KC3-C2 in maturation of autophagosomes and endocytosis. Involved in regulation of degradative endocytic trafficking and cytokinesis, probably in the context of PI3KC3-C2 (PubMed:20643123).[UniProtKB/Swiss-Prot Function]

Locus ID: 30849

MW: 16.1