

## Product datasheet for SC213490

### PI 3 Kinase p85 beta (PIK3R2) (NM\_005027) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** PI 3 Kinase p85 beta (PIK3R2) (NM\_005027) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** PIK3R2  
**Synonyms:** MPPH; MPPH1; p85; p85-BETA; P85B  
**ACCN:** NM\_005027  
**Insert Size:** 1268 bp  
**Insert Sequence:** >SC213490 3'UTR clone of NM\_005027  
 The sequence shown below is from the reference sequence of NM\_005027. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGGATCGCC
GGCCCCGGCCCCGCCCTGCCGCCCGCTGAGCACCGAGGACCCGCCCAAGCAGAGCCGCCCTGGGCC
CGTCTGCGCCGGAGGCTGCGGCGCGGGAGCCACGGACCAGACCACATCCAGGGTCTCTATTTC
TCCGGCTCTGGCTCTTGTGGGGTCTCTCACCTCTTTCTCTTTCCCTCCCCATTCTCCAGA
TCTCCCTCTGTCTCTTTCTCTGTCTTTCTTGGCCCTGTCTCTCCATGTTGGGGTCTAACTCC
CCCACCCATATCTACGTGTCTCCGGCATTGCCCTCTCCATGGCTCTGGTACCCTGACCCTCTGCC
CTGCCACCGCAGGTCCCCGGGGTCCCGAAGCCCTTCTGGCTGCACCTGCCATGTTTACAGAGGGC
CCCTGGGCTGCGCGGCCACGCTGGGCACCCTGATTTTAAAGCCATAGACCTGGGGTCAAGGCAGGAA
GGAACCTCACTCTGCTGCTTCCGAGAACCTCGGCCGTGACATTGGGGCCGGGCGGACCCGCCCA
GACTCAAACCTCCCTCAAACCCGAAGTGAACCCGCCACCGGTTACCCCAAGGGGGCCGCTG
CGAGAAGTTCACCCACCCCGAAAAATAATTAAGTTCGCAGGCCAGGCAGGTGGCTCATGCCTGTAA
TCCCAGCACTTTGGGAGGCCAAGACGGGCGGATCTTTGAGGTGCGGAGTTGGAGGCCAGCCTGGCCAA
AATGGCAAAACCCGCATCTACTAAAATACAAAATTAGCCGGGCGTGGTGGCGGCCCTGTAATCCC
AGCTACTTGGGAGGCTGAGGCGTGAGAATCTCTTGAACCCAGGAGATGGAGGTTGCACTGAGCAGAGAT
CGTGCCACTGCACTCCAGCCTGGGTAACAGAGGGAGACTCCTCCGTCTCAAAAAATAAATAAATAAC
TTGTGAGCTGGCCCCAACCCCTCCTAGGAATCACAGCTCCCCGTACTGGTGGCCCGCAGTGCCAAAGT
TGCGACTGCCCACGGCCCTCCCTCTGATGCAGATTCAAGGCTTCTCTCGATCATGTTGGGTTTTG
ATTCTGTTTTCTTGACTGAAAACCTCTTTCTCTCTCTTTGGGACAAGACCCCTGGTTTTCTA
CGCTGCCCTTGGCCACCACTGCCTGCCACGAGCTGGGAGGCAGTTTTGTACGGTACGTTGTTAT
TGATATGATATAAAACATCAAACGTC
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
  
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**Restriction Sites:** SgfI-MluI



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_005027.4</a>
<b>Summary:</b>	Phosphatidylinositol 3-kinase (PI3K) is a lipid kinase that phosphorylates phosphatidylinositol and similar compounds, creating second messengers important in growth signaling pathways. PI3K functions as a heterodimer of a regulatory and a catalytic subunit. The protein encoded by this gene is a regulatory component of PI3K. Three transcript variants, one protein coding and the other two non-protein coding, have been found for this gene. [provided by RefSeq, Apr 2019]
<b>Locus ID:</b>	5296
<b>MW:</b>	46.2