

Product datasheet for SC205292

PIK3C2G (NM_004570) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PIK3C2G (NM_004570) Human 3' UTR Clone
Symbol:	PIK3C2G
Synonyms:	PI3K-C2-gamma; PI3K-C2GAMMA
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_004570
Insert Size:	418 bp
Insert Sequence:	>SC205292 3'UTR clone of NM_004570 The sequence shown below is from the reference sequence of NM_004570. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TGGTATCCATTAGGAAACAGTATAATTTGACCATTGCTATGAACATATGCATTATTCATTAACACTTGG
TATTTTTTCACTTCTGGGCCTCTGAATCACATAAGTAAGGCATCTTTGTTGTCAAAGACAGCACAGGG
TATTAAGGACACAGAAAAAATCAGAATTAGTCTTTTGTGTTTATTTTCTACCTGTGCTTTCATT
GTTTTTTCATAATCTTTTCTCCTTCAGTGGAGTACTGATTGCATGAAATTTGATGTGTAATAATAAAA
AGACCTTTATTAATCATTTTAATATATTTTAAATTAACATAGGTTTACATTTGTTTTAATTGTGTGC
CTACAGTAAAAGCAGTATTTTTAATGTATTTTATAAGAAAGACAATCAAATAAACCTCATCAATTAAT
TCAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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_004570.6](#)

Summary: The protein encoded by this gene belongs to the phosphoinositide 3-kinase (PI3K) family. PI3-kinases play roles in signaling pathways involved in cell proliferation, oncogenic transformation, cell survival, cell migration, and intracellular protein trafficking. This protein contains a lipid kinase catalytic domain as well as a C-terminal C2 domain, a characteristic of class II PI3-kinases. C2 domains act as calcium-dependent phospholipid binding motifs that mediate translocation of proteins to membranes, and may also mediate protein-protein interactions. This gene may play a role in several diseases, including type II diabetes. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2014]

Locus ID: 5288

MW: 16.4