

Product datasheet for **SC204844**

PI 3 Kinase catalytic subunit alpha (PIK3CA) (NM_006218) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PI 3 Kinase catalytic subunit alpha (PIK3CA) (NM_006218) Human 3' UTR Clone
Symbol:	PI 3 Kinase catalytic subunit alpha
Synonyms:	CLAPO; CLOVE; CWS5; MCAP; MCM; MCMTC; p110-alpha; PI3K; PI3K-alpha
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_006218
Insert Size:	368 bp
Insert Sequence:	>SC204844 3' UTR clone of NM_006218 The sequence shown below is from the reference sequence of NM_006218. The complete sequence of this clone may contain minor differences, such as SNPs. Red =Cloning site Blue =Stop Codon

CAATTGGCAGAGCTCAGAATTCAAGCGATCGC

CCACACAATTAACAGCATGCATTGAACTGAAAAGATAACTGAGAAAATGAAAGCTCACTCTGGATTCCA
CACTGCACTGTTAATAACTCTCAGCAGGCAAAGACCGATTGCATAGGAATTGCACAATCCATGAACAGCA
TTAGAATTTACAGCAAGAACAGAAATAAAATACTATATAATTTAAATAATGTAAACGCAAACAGGGTTTG
ATAGCACTTAACTAGTTCATTTCAAAATTAAGCTTTAGATAATGCGCAATTTTCATGTTATGCCTTAAG
TCCAAAAGGTAACCTTTGAAGATTGTTGTATCTTTTTTAAAAAACAAAACAAAACAAAATCCCAA
AATATATAGAAATGATGG

ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCG

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_006218.2](#)

Summary: Phosphatidylinositol 3-kinase is composed of an 85 kDa regulatory subunit and a 110 kDa catalytic subunit. The protein encoded by this gene represents the catalytic subunit, which uses ATP to phosphorylate PtdIns, PtdIns4P and PtdIns(4,5)P2. This gene has been found to be oncogenic and has been implicated in cervical cancers. A pseudogene of this gene has been defined on chromosome 22. [provided by RefSeq, Apr 2016]

Locus ID: 5290