

Product datasheet for **SC212269**

PKC theta (PRKCQ) (NM_006257) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: PKC theta (PRKCQ) (NM_006257) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: PRKCQ
Synonyms: nPKC-theta; PRKCT
ACCN: NM_006257
Insert Size: 1089 bp
Insert Sequence: >SC212269 3'UTR clone of NM_006257
The sequence shown below is from the reference sequence of NM_006257. 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
AACCCCGGGATGGAGCGGCTGATATCCTGAATCTTGCCCTCCAGAGACAGGAAAGAATTTGCCTTCTC
CCTGGGAACTGGTCAAGAGACACTGCTTGGGTTCTTTTTCAACTTGGAAAAAGAAAGAACTCAA
CAATAAAGACTGAGACCGTTCCGCCCATGTGACTTTTTATCTGTAGCAGAAACCAAGTCTACTTCACT
AATGACGATGCCGTGTGTCTCGTCTCCTGACATGTCTCACAGACGCTCCTGAAGTTAGGTCATTAATA
CCATAGTTATTTACTTGAAGATGGGTCTCCGCACTTGGAAAGGTTTCAAGACTTGATACTGCAATAAA
TTATGGCTCTTACCTGGGCGCCAAGTCTGATCAATGAAATGCTTGTGAATCAGGGGCAACGGAGT
ACAGACGTCTCAAGACTGAAACGGCCCCATTGCCTGGTCTAGTAGCGGATCTCACTCAGCCGAGACAA
GTAATCACTAACCCGTTTTATTCTATTCCTATCTGTGGATGTGTAATGGCTGGGGGCCAGCCCTGGA
TAGGTTTTTATGGGAATCTTTACAATAAACATAGCTTGAAGTCTGAGATCTACAAATCCATTCATCCT
GATTGGGCATGAAATCCATGGTCAAGAGGACAAGTGGAAAGTGGAGGGAAGGTTTGTAGACACCTTC
GCTTGTTATCTTGCAAGATAGAAAAGATAGTATCATTTCACCCTTGCCAGTAAAAACCTTTCCATCCA
CCCATTCTCAGCAGACTCCAGTATTGGCACAGTCACTCACTGCCATTCTCACACTATAACAAGAAAAGA
AATGAAGTGCATAAGTCTCCTGGGAAAAGAACCTTAACCCCTTCTCGTGCCATGACTGGTGATTTATG
ACTCATAAGCCCCCTCCGTAGGCATCATTCAAGATCAATGGCCCATGCATGCTGTTGTCAGCAGTCAATT
GAGTTGAATTAGAATCCAACCATACATTTAAAGGATTTGTGCTGTGTGTATATTTTGATAAAATGT
TGTGACTTCATGGCAAACAGGTGGATGTGTAATAAATGGAATAAAAAAAAAAAAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI



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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.
RefSeq:	<u>NM_006257.5</u>
Summary:	Protein kinase C (PKC) is a family of serine- and threonine-specific protein kinases that can be activated by calcium and the second messenger diacylglycerol. PKC family members phosphorylate a wide variety of protein targets and are known to be involved in diverse cellular signaling pathways. PKC family members also serve as major receptors for phorbol esters, a class of tumor promoters. Each member of the PKC family has a specific expression profile and is believed to play a distinct role. The protein encoded by this gene is one of the PKC family members. It is a calcium-independent and phospholipid-dependent protein kinase. This kinase is important for T-cell activation. It is required for the activation of the transcription factors NF-kappaB and AP-1, and may link the T cell receptor (TCR) signaling complex to the activation of the transcription factors. [provided by RefSeq, Jul 2008]
Locus ID:	5588
MW:	42.5