

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
Symbol:	PKC theta
Synonyms:	nPKC-theta; PRKCT
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_006257
Insert Size:	1089 bp
Insert Sequence:	<p>>SC212269 3'UTR clone of NM_006257</p> <p>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.</p> <p>Blue=Stop Codon Red=Cloning site</p>

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
AACCCCGGGATGGAGCGGCTGATATCCATCTTGCCCTCCAGAGACAGGAAAGAATTTGCCTTCTC
CCTGGGAAGTGGTTCAAGAGACACTGCTTGGGTTCTTTTCACTTGGAAAAAGAAAGAACTCAA
CAATAAAGACTGAGACCCGTTCCGCCCCATGTGACTTTTATCTGTAGCAGAAACCAAGTCTACTTCACT
AATGACGATGCCGTGTGTCTCGTCTCCTGACATGTCTCACAGACGCTCCTGAAGTTAGGTCATTACTAA
CCATAGTTATTTACTTGAAAGATGGGTCTCCGCACTTGGAAAGGTTTCAAGACTTGATACTGCAATAAA
TTATGGCTCTTACCTGGGCGCCAACTGCTGATCAATGAAATGCTTGTGAATCAGGGGCAACGGAGT
ACAGACGCTCTCAAGACTGAAACGGCCCCATTGCCTGGTCTAGTAGCGGATCTCACTCAGCCGCAGACAA
GTAATCACTAACCCTTTTATTCTATCTGTGGATGTGTAATGGCTGGGGGGCCAGCCCTGGA
TAGGTTTTTATGGGAATCTTTACAATAAACATAGCTTGAACCTTGAGATCTACAAATCCATTATCCT
GATTGGGCATGAAATCCATGGTCAAGAGGACAAGTGGAAAGTGAGAGGGAAGGTTTGCTAGACACCTTC
GCTTGTATCTTGTCAAGATAGAAAAGATAGTATCATTTACCCCTTGCCAGTAAAAACCTTTCCATCCA
CCATTCTCAGCAGACTCCAGTATTGGCAGTCACTCACTGCCATTCTCACACTATAACAAGAAAAGA
AATGAAGTGCATAAGTCTCCTGGGAAAAGAACCTTAACCCTTCTCGTGCCATGACTGGTGATTTCATG
ACTCATAAGCCCCCTCCGTAGGCATCATTCAAGATCAATGGCCCATGCATGCTGTTTGACAGAGTCAATT
GAGTTGAATTAGAATTCCAACCATACATTTTAAAGGTATTTGTGTGTGTATATTTTGATAAAATGT
TGTGACTTCATGGCAAACAGGTGGATGTGTAAAAATGGAATAAAAAAAAAAAAAA
ACGCGT AAGCGGCCGCGGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG

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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