

## Product datasheet for **SC210213**

### PRKACB (NM\_207578) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	PRKACB (NM_207578) Human 3' UTR Clone
Symbol:	PRKACB
Synonyms:	CAFD2; PKA C-beta; PKACB
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_207578
Insert Size:	977 bp
Insert Sequence:	>SC210213 3'UTR clone of NM_207578 The sequence shown below is from the reference sequence of NM_207578. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GAAAAGATTGTTTCTGGAAAGAAGCTTTTGATATGAACAAAAACAAACTTTGAGAAAAATTAACAGACAA
GGCAGTGATTTATTTTTGAAGAATTTGAGAAGTGTAGACTCTCAAGAGGACTAAAGGTCATATGAAGAA
TGATGAGAGAACCAAAATACATTAATAATCACAAATGGAAGAAGAATATTTACTAATACAAAACTAAG
AATGTAATGTTATAATAAATTGTTTCAAATCATTAAATTGACAGTAATTATAAAGTCTTGAATCTTTA
CTATATTACTTTTATTTATATTCATATAAGAAATCCAATTTTCTAACAAGGATACTGTCATAACTAAAT
TTACATTTATTAAGAAAACTGCTTTAGTTAAATTAATGTGTCTTCATTTTTATGCATTGGCCTCGAT
TTGCCAATCATTCTCTATTGGTTAAATTTATATTCAGCTGTTTATGAATATATATTCATTTTATATCA
AACTTTAAATTTTGTATCTAATAATCAGCATATATTCTAAAAATCATAACAGTCTAAATCCTGGGCACC
TTAGAAGAATGACACCAGAAAACCTTATATATCACAATATTCTGTTTTCCCTTCATTTATTTAGAAA
TATGACAGGATATTTGGTGTACTTTTGTTTTTAACTAAAAGTACCAGATTATCTCTCCCATGTGGGA
TATAAAATTTATCCCATCTCTTACTCCCTTTACTCATCTAAAGTAGAAGTCATGAAAGTGGAAATTTTG
CCATTAAGGCTCTGTATTATGTGAAGTTAGATTGTATTAACCATTTCCCAATAAATCATCTGTTTCA
AACTCAAATTCAACTAGAATGTGTCTCTATTACATTGCAAAAAATATTATTGTCTCTGTTAGTG
GCTAAAAGCCAAATTGGAACTAACTAGTTTTTAAATTTTTTAAATTGTGCAAATTATTAATAATCCA
ATTTGGTCTTA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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>	<u><a href="#">NM_207578.3</a></u>
<b>Summary:</b>	The protein encoded by this gene is a member of the serine/threonine protein kinase family. The encoded protein is a catalytic subunit of cAMP (cyclic AMP)-dependent protein kinase, which mediates signalling through cAMP. cAMP signaling is important to a number of processes, including cell proliferation and differentiation. Multiple alternatively spliced transcript variants encoding distinct isoforms have been observed. [provided by RefSeq, Jul 2014]
<b>Locus ID:</b>	5567
<b>MW:</b>	38.2