

## Product datasheet for **SC213373**

### **PRKAR1B (NM\_001164760) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	PRKAR1B (NM_001164760) Human 3' UTR Clone
Symbol:	PRKAR1B
Synonyms:	PRKAR1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001164760
Insert Size:	1262 bp



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**Insert Sequence:** >SC213373 3'UTR clone of NM\_001164760  
 The sequence shown below is from the reference sequence of NM\_001164760. 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
TACAACAGCTTTCATCTCCCTCACCGTCTGAGCACAGCTCCCGCCCTGCAGCCCCAGCTCCCCAGTGTGG
TGGCCGTGCCCTGCTCGTCTGTGTGCGGGGCCCCGGAGCCGCTGTGTGAGGTGTGGGCCGGTGGGGCT
GGGTCCCAGCAGCGTGAGGACTGCCCTTCCCCGACTCACTTTTTGGAATAAATGATCACCTTGTGCA
TTTCCAAATCAAAGGACAAGCGGACAAAATGCATCCCAAGATCAAGGAAGGGACAGGCCAGCTTCTCCTC
CCACACGCCTCCCCGGCTGCCTCTGTGGGCTTCTCCTGGGGGGCCACCCACCCTGCCAGTCTCCTG
GAGATGCTTGAGGATCGTCTCCCCAGAACCAGGCCAGGACGTTGCCCTGGGGCTGGTGACCCTGT
GAGGTCAGGTCCCCAGATTGAGGTCTGAGTGTGGCAAGTGTGTCAAAGGGGCTGCCCCAGGGGA
GATGAGGCTGAGAGCAGGGAGTTGAGGCCGAAGAAGTCAAGGCCCTCCCGCAAATGTGTACCCCTGCC
CGCGCCACTGCACCCCGCGCACCCCACTCCCGGGGGCCCTGCTGCGGATGCGCGAGTGGGAGAG
TCTCTGAGCTGTGAGATTGATCTTGCCCTAATTGGAGAGGAAGCCGGGCGCCAAGACACACGGGGCTC
CTGCCCTGGGAGCCAGGGCCGCGGCCGAGGTAGACCCAGTAGGGGGGGCCGGGCTCGAAGTTCCTTT
GGGAGGGGCTGGCGGGACTCCAGCAGGCCGCTCACCTTTCTTAGAAATCCACCCAGGGCAAGTTGA
TGTTGGGGGAAAGCAGAAGTCAAGCCAGCCGCGGGCCCCACACGCCCCGACCCGCTCAACCGACTTGTC
CCTTAAATGTGTCTTGGATCCCAGTGTGACGTGAGCCAGCCAGGCCGAAAGGTGAGGCCAGTGC
AGAGAAGCTTCCAGGGGATTCCTGGGTCCCCGAAAGACAAGCGAGGTCATTGCAGTTCACCTGATG
TTGCTCCTGTCCCGTGCCTCCCGGGAGGCTGTCTTGGTCCGAGGCTGCTCGTTGCAGCCCTCCCT
GCTGGCGGTTACGATGCGTGGGGTCCCCCTCCCCACCCAGCCCGGCCAGTCCCGTGTCCCGCTGT
GCCTGTGACGTCCTGTGGACCTGTGAGCCATCCCCCCTTATCTCTGCTCTGAATACTGCATGAAGC
ATTAAACGTGCAATGAAGTA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
```

**Restriction Sites:** SgfI-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.

**RefSeq:** [NM\\_001164760.2](#)

**Summary:** The protein encoded by this gene is a regulatory subunit of cyclic AMP-dependent protein kinase A (PKA), which is involved in the signaling pathway of the second messenger cAMP. Two regulatory and two catalytic subunits form the PKA holoenzyme, disbands after cAMP binding. The holoenzyme is involved in many cellular events, including ion transport, metabolism, and transcription. Several transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Aug 2015]

**Locus ID:** 5575

**MW:** 44.5