

Product datasheet for **SC213377**

PRKAR1B (NM_002735) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: PRKAR1B (NM_002735) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: PRKAR1B
Synonyms: PRKAR1
ACCN: NM_002735
Insert Size: 1262 bp
Insert Sequence: >SC213377 3'UTR clone of NM_002735
 The sequence shown below is from the reference sequence of NM_002735. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGCATCGCC
TACAACAGCTTCATCTCCCTCACCGTCTAGGCACAGCTCCCCGCCCTGCAGCCCCAGTCCCCAGTGTGG
TGGCCGTGCCCTGCTCGTCTGTGTGGGGGCCCGGGAGCCGCTGTGTGAGGTGTGGGCCGGTGGGGCT
GGGTCCCGGCAGCGTGAGGACTGCCCTTCCCGGACTCACTTTTGGAAATAAATGATCACCTTGTGCA
TTTCCAAATCAAAGGACAAGCGGACAAAATGCATCCCAAGATCAAGGAAGGGACAGGCCAGCTTCTCTCC
CCACACGCCTCCCGGCTGCCTCTGTGGCTTCTCCTGGGGGGCCACCCACCCCTGCCAGTCTCTGTG
GAGATGCTTGAGGATCGGTCTCCCGAACCAGGCCAGGACGTTGCCCTGGGGCTGTTGACCCTGT
GAGGTCAGGTCCCCAGATTGAGGTCTGAGTGTGGCAAGTGTGTCAAAGGGGCTGCCCCAGGGGA
GATGAGGCTGAGAGCAGGGAGTTGAGGCCAAGAAGTCAAGGCCCTCCCGCAAATGTGTACCCCTGCC
CGCGCCACTGCACCCCGCCGACCCACCTCCCGGGGGCCCTGCTGCGGATGCCGGAGTGGGAGAG
TCTCTGAGCTGTGAGATTGATCTTGCCCTAATTGGAGAGGAAGCCGGGGCCCAAGACACACGGGGCTC
CTGCCTTGGGAGCCAGGGCCGCGCCGAGGTAGACCCAGTAGGGGGGGCCGGGCTCGAAGTTCCTTT
GGGAGGGGCTGGCGGACTCCAGCAGGCCGTCTCACCTTTCTTAGAAAGTCCACCCAGGGCAAGTTGA
TGTTGGGGGAAAGCAGAAGTCAAGCCAGCCGCGGGCCCCACACGCCCCGACCCGCTCAACCGACTTGTC
CCTTAAATGTGTCTTGGATCCCGCAGTGATGACGTGAGCCAGCCAGGCCGAAAGGGTGAGGCCAGTGC
AGAGAAGCTTCCAGGGGATTCTGGGTCCCCGAAAGACAAGCAGGTCATTGCGATTCACCTGATG
TTGCTCCTGTCCCGTGCCTCCCGGGAGGCTGTCTTGGTCCGAGGCTGCTCGTGCAGCCCTCCCT
GCTGGCGGTTACGATGCGTGGGGTCCCCCTCCCCACCCAGCCCGGCCACGTGCGCGTGTCCCGCTGT
GCCTGTGACGTCCTGTGGACCTGTGAGCCATCCCCCCTTATCTCTGCTCTGAATACTGCATGAAGC
ATTAACGTGCAATGAAGTA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: Sgfl-Mlul



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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:	NM_002735.3
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