

Product datasheet for **SC214546**

PKI alpha (PKIA) (NM_181839) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	PKI alpha
Synonyms:	PRKACN1
Mammalian Cell	Neomycin
Selection:	
Vector:	pMirTarget (PSI00062)
ACCN:	NM_181839
Insert Size:	2000 bp



Insert Sequence:

>SC214546 3'UTR clone of NM_181839

The sequence shown below is from the reference sequence of NM_181839. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
CAGGGAGAAGCAGCAAAATCTGAAAGCTAACACCCCACTTTGACCCTCGACCACACCTGAAAATGTCTC
AAATCTCCAGGAGTATCTGGAATGCATTTGTTTCCATGAGTGAAAAGAGGAAAAAGAAATGGCTGTGC
TGCATTGCAGGAACCTGCTCATTATCATGTTAAAAATGAGGGCAGAGGCTGTGGCTGCAGGCAGACTTT
TCCCTACCTCTGTCTTAGCAATGGTTGAAATCATGTGGCTTGTGTTTGGGCGTCATTTTGTATGGAT
CCTTTCACTTGATCATATGACGAAATGCTTATAGAGAGTAGCTCCGACCTAGATGATGATTCTTCCTGT
AGCATCTGGCCCTCACAAATGTCAGAGGATTTAATTGTGTCTAATTGCGAAGGGTTGATTGAACCCAG
AGTTTAAATATCTCTGGCTCAAGTGTTCACCCAGTAAAAGAAAGATCCAGAAAGCACTGTTTTAGCAT
TACGTATCTGTGTGTACTGCTGTGTTATTTACACTGTTTTGTATTGTACAATATATATGCTCAGCACT
GCCCCCTTCTCTGATTGCTTATGAAAAACAAAATGATGTACATTACTGTGAATTTTATACCACTCATT
TTTAAAGGGCTGTCTTTTATTTAGTTTTCCATACTGTGGTGGTGACACAGGATAGAACCCTTT
TTTAAACACAGCTTTCCCTTGCTCATTGTATGTTGATGAGTTGATTAAGCTAACAGATTTCATCAA
GACTCCATTGCTTTATTATAGAGACATTTGAAAATATCCATTAATGTGAATATCACCTGAATTCAGTCT
GTTTGGTGTCTGCACAGACTGGAATTCATCTGTCAAATTTGTTTTATTCTCAAGTGGAGAACTTCTCC
CACATAATATATATATATATATATTTAATTATGAGAATTTTGGACAATTGGAAGGTAGAAAAGA
AAAGCCAAGATCATACTAAGGACTGGAATATTTTGTCTATGGAATCAAATTTCTCACAATGCTGTAT
GATACTATTTAAATTTGGAGGACAACCTTCTTCACTAAGCTGAATCAGGTGGAGAAAGTAATCTCCTT
GCAATCATGTGGACACCAATCACAAAAGTAAAGCCCTGGTGTGTGTTTTTCATGCTTTTTTCAGCCCT
CTCAGATCCAAATGTTATTATGCACTTTTTAATGTTTGTAACTTTTACTAATAATTAGTGTGAATTGC
ATTCTGATACAATAATGATTATCATTAGAAAGCTAACAAAATTCATTAATACTGTGTTTGTATGGCTC
TGCTGTGTTTTAACATCGTGCTTCTTATATGGAAGTTTTTGTGAGCTGTGAATCCCTCTGGTCAGTA
TTATGAAATCATTTGTGAGTGTAAATAAAGGAACCAAGTAATATGCCAATGGTTTCATGAATTACTGG
ACAAATAGCAGACAATGGGAGTCCCTTTACAATAACGAGCCCACTTAGCTGTCTTGAGGGCTTAGATA
CCTTGCCACGTGAAGTAGGTAGAGCAGCATTTCAATAGGTAATTTGTGTTGTGCCAGAACTCAGC
CCTTCTATGTAATTACATACAGGATAAAAGGTAAGTCTGCTCACTTCTCCTTCTACAGGGCATTTCAAC
TGACTGGAATAAGGGCATGGTTGCATTTAGTACTCAATCAGATATTACTAGAAAAAAATTAATAATGT
GAGCCTTTCCGAGAGCAGAACGAGGAAAGATTAAATTTAGAATGCTTCTTCTGTCTAATCCATCAGG
GGCCAAAATGCCAGTAAATTCAAACACATCACCTATTAATAGACTTACAAGTGAGAAAAGAGGTTCC
TAGGGTTATTTAGGCAATCCCTGGTAACTGTTTAAACCATCAAAACCCTACAGTCAGTTTTAGTAT
CCTCATTTAATATTTAATAGGTTTTCTGTGAATTTAACTTCTCTTCTTCTTAAGGTTGTGAAATT
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites:

Sgfl-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.

Note:

Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: NM_181839.3

Summary: The protein encoded by this gene is a member of the cAMP-dependent protein kinase (PKA) inhibitor family. This protein was demonstrated to interact with and inhibit the activities of both C alpha and C beta catalytic subunits of the PKA. Alternatively spliced transcript variants encoding the same protein have been reported. [provided by RefSeq, Jul 2008]

Locus ID: 5569

MW: 77.2