

Product datasheet for **SC330820**

PKIB (NM_001270393) Human Untagged Clone

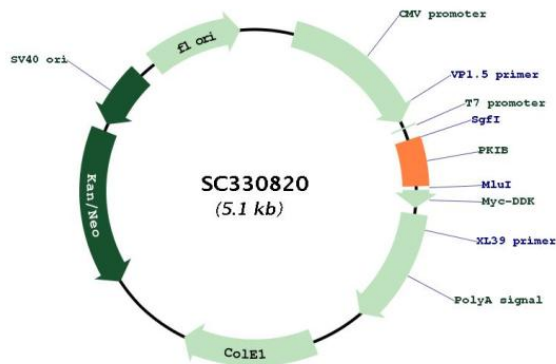
Product data:

Product Type: Expression Plasmids
 Product Name: PKIB (NM_001270393) Human Untagged Clone
 Tag: Tag Free
 Symbol: PKIB
 Synonyms: PRKACN2
 Vector: pCMV6-Entry (PS100001)
 Fully Sequenced ORF: >SC330820 representing NM_001270393.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
ATGAGGACAGATTCATCAAAAATGACTGACGTGGAGTCTGGGGTCGCCAATTTTGCATCTTCAGCAAGG
GCAGGCCCGCGGAATGCCTTACCAGACATCCAGAGTTCAGCTGCCACAGACGGAACCTCAGATTTGCC
CTCAAACCTGGAGGCTCTCTCCGTGAAGGAAGATGCAAAGAGAAAGATGAAAAACAACACAAGACCA
TTGAAAAGCCTCAAAATGAAGAAAAATGA
```

Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM_001270393

Insert Size: 237 bp



[View online >](#)

OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_001270393.1
RefSeq Size:	2012 bp
RefSeq ORF:	237 bp
Locus ID:	5570
UniProt ID:	Q9C010
Cytogenetics:	6q22.31
Protein Families:	Druggable Genome
MW:	8.5 kDa
Gene Summary:	<p>This gene encodes a member of the cAMP-dependent protein kinase inhibitor family. The encoded protein may play a role in the protein kinase A (PKA) pathway by interacting with the catalytic subunit of PKA, and overexpression of this gene may play a role in prostate cancer. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jul 2012]</p> <p>Transcript Variant: This variant (4) differs in the 5' UTR, compared to variant 1. Variants 1, 2, 3 and 4 encode the same isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>