

## Product datasheet for **SC333375**

### PKIG (NM\_001281445) Human Untagged Clone

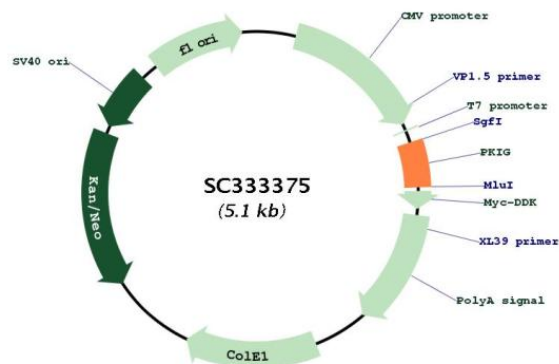
#### Product data:

Product Type: Expression Plasmids  
 Product Name: PKIG (NM\_001281445) Human Untagged Clone  
 Tag: Tag Free  
 Symbol: PKIG  
 Synonyms: PKI-gamma  
 Vector: pCMV6-Entry (PS100001)  
 Fully Sequenced ORF: >SC333375 representing NM\_001281445.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
ATGATGGAGGTCGAGTCCTCCTACTCGGACTTCATCTCCTGTGACCGGACAGGCCGTCGGAATGCGGTC
CCTGACATCCAGGGAGACTCAGAGGCTGTGAGCGTGAGGAAGCTGGCTGGAGACATGGGCGAGCTGGCA
CTCGAGGGGGCAGAAGGACAGGTGGAGGGAAGCGCCCCAGACAAGGAAGCTGGCAACCAGCCCCAGAGC
AGCGATGGGACCACCTCGTCTTGA
```

Restriction Sites: SgfI-MluI

#### Plasmid Map:



ACCN: NM\_001281445

Insert Size: 231 bp



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001281445.1</a>
<b>RefSeq Size:</b>	1186 bp
<b>RefSeq ORF:</b>	231 bp
<b>Locus ID:</b>	11142
<b>UniProt ID:</b>	<a href="#">Q9Y2B9</a>
<b>Cytogenetics:</b>	20q13.12
<b>Protein Families:</b>	Druggable Genome
<b>MW:</b>	7.9 kDa
<b>Gene Summary:</b>	<p>This gene encodes a member of the protein kinase inhibitor family. Studies of a similar protein in mice suggest that this protein acts as a potent competitive cAMP-dependent protein kinase inhibitor, and is a predominant form of inhibitor in various tissues. The encoded protein may be involved in osteogenesis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]</p> <p>Transcript Variant: This variant (5) differs in the 5' UTR, compared to variant 4. Variants 1-5 encode the same protein.</p>