

Product datasheet for **SC211901**

CGK2 (PRKG2) (NM_006259) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CGK2 (PRKG2) (NM_006259) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PRKG2
Synonyms:	cGK2; cGKII; PKG2; PRKGR2
ACCN:	NM_006259
Insert Size:	2000 bp



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Insert Sequence: >SC211901 3'UTR clone of NM_006259
 The sequence shown below is from the reference sequence of NM_006259. 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
GAGCTATCAGGCTGGGATAAAGACTTCTGACAGAAGAAAAGTTGATTACTGCCTGTACTCTACAGAAGA
GGACCTCAAGGATCAATAATCCAACACATTATTTTCTTTTCAGAGTATTATAATATCTTTGGAAGACCA
TTAGGGAAAAGAAATTCCTGCACAATGGGAAGAGGAGAATGGTGTGGATATGGTTCTGAGTTATAGTGT
CTTATTTAGATGCTGTGAATTATTGATGTATTACATTATTTGCTTTTCTCAACTGCTAGAGGCTACCCC
ATTTTCTTTCCACAATCAGAGCCATTTTGTAAAGTGGCAGTTTTTTCTGCAATCTATTGTTCCATT
CCAATCATATCCTTCTCGTTTGAGTACTACTAACGTTTAAAAAGGGTCTTGCCCTGAATAACTAAGTC
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CTTTTAACTGAAAATATATTAATACGCCCTCTGACATGAGTCCAGGGAGAGGCAAGATTGAGCAATAGT
CAGTGGCACCATTTCCTAAAGTAACTGAATCAATCAATCCAGTCAGGTAATTATTTTCTATTGGGGAAC
TTAGAAAAAAGTAAAGCAAGAAATATTTTCTCTCTTTATGATCAGTGATACCTTAGAGACTTTTCG
AAAGTCCTTGTTAAAGATAGTTACAATGTGTGGTTAAATGATGCTAAAATATTTTACAACCAGAGTAG
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TGTTTTCCATGTATATATTTTTAAATTTCCAACCTATAAAGATAGAAAATTTATGTATTGGGTGGATA
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TACATATATAGAAATAACCAAGTTAGAGTACTACAGGTTATTTTTCTGTGATTGACCATGTCAATGT
GTTATCCTCCCATGTGATTTTTATTGTTTCTTAGAGTACTTTAAAAGATGAAGAAATGAGAGACTG
ACGCGT AAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
  
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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_006259.3](#)

Summary: This gene encodes a protein that belongs to the serine/threonine protein kinase family of proteins. The encoded protein binds to and inhibits the activation of several receptor tyrosine kinases. The membrane-bound protein is a regulator of intestinal secretion, bone growth and renin secretion. Alternate splicing results in multiple transcript variants encoding distinct isoforms whose regulatory N-termini differ in length but whose C-terminal catalytic domains are identical. [provided by RefSeq, May 2018]

Locus ID: 5593

MW: 78