

## Product datasheet for **SC211624**

### **PDK2 (NM\_002611) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	PDK2 (NM_002611) Human 3' UTR Clone
Symbol:	PDK2
Synonyms:	PDHK2; PDKII
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_002611
Insert Size:	2000 bp



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**Insert Sequence:**

>SC211624 3'UTR clone of NM\_002611

The sequence shown below is from the reference sequence of NM\_002611. 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
AAGAACACGTCCACGTACCGCGTCAGCTAAGGGCCGCGTGCATCTGCACCTGAGAGGACGGACTGCCG
CCTCTGGGTCCCCCACCGTGGTGGCCCTCACCATCCTCCTGGGGGAGCAGGGGGTGGTCTCCCTGA
TGACCAGTTCTGTCTATGGAAGTCACTGCGGTGATAGGTCTGTGATGGTCCCTAAGTCCAGTCCA
TCTCTGTGGAGACCCCTCGGTGGCTCCCTATCTCTGTGGGCGATGCCTGAGGGTTAGGGATGTCTCCA
CCCTGATGGGGTGTCCAGAGACATTTCCCATGGCAGTCTCCTCTCTGAGACCAGGGCTGTCACTTT
TCTGCCAGGGTACTGGTCCCCCTCAGCACCTCCACAGCACAGGCCTCCAAGTGGATGTCCCGTTG
CCTTATCCCCCAGCCCACAAAGGCACCCTGGCCTTGGCCTGCTGAAGTGTAGGAAGAGGGTGGGTGC
CCTCCAGACCTGGGACTGAGTGGGAAAGGAGTTACACCGTGAGTGGGAATGAGGCTGGTCTGCA
GCCTCTCCCTCCGCTCAGGGCTTGAAGTCCGTTGGCGGAGGGGGTGGCTCTCACAGGGCCCAACTCTAA
AGTGAAGAACCTTGTAGACCGAGAGCTTGCATCCAGCCAAGCTGCTCGAGGCCCTGCAGTGGCCTT
GGCAATGTCTGTGCCACCTCCTGAGCCCTCCCAGCATGTCTCACATGCTCATGCCACCCGCTCCTCC
ACAAGCCTAGTCCATCCTGCCTGAGCTCCAGCCCCAGCCCCACTGTGCCCAGACATGTGTGCTCAGG
GTGGCTTTCTCCCTAGGACCTTCTGTGTATATAGTTAGTTTTATAACCCCTGAATGCCCCACCCTCCC
CTAAGCACACAGGGGTTAAAGCTGTGTCCCTCCCAGTGGCTGTGGCAGTGACAGTGACACCCACACC
CACAGTAAAGAGGAGACTGAATGAGACTGGCCTGGCTGCATCCCTGGGGGAGGGGACCCACACGTGCGC
ACGTACACACGCACACTGCGGTGCCCTGTGACCACCACATGACGCACCGGGGAGTCCGGCCCAGTCA
GGACTGTGAGTAAAACACTGGGCAAAGCCATCTGTTTCCAGAACGCCGATGGCCACGACCTGGTGACAG
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TCTGGTCACTGGCACATCATAAGGATTTATTGAAATAAATTGAGAACTGCCTCCCCTTACATGCAGGT
GGGCACCCACTATAGCTACTGATGGCTTAAGGATGTGGGTGCCTTCCAACCTCCATGGCCCTGCCAC
CAGGCCCAGATGGTGCCAGTGCCTCATATCTGTTTCCCTCCGAAGCCCTTCCCAGCACAGATAGCA
GAGGGGGGATAAGGGCTGAGTCCAGGTACAGGGTGTGGCCGTAAAGCCACAGCCCTGGGCAGGAATG
AGGGAGCCAGCATGCATTGGTGCCATCTGCCGCTCTGTCTGGGCAGATGGGAGGAGCTGGAGGGTTTC
CAAGCGGGAGCCCCAGGCTCATCGGTAACCTGACCAGTGTCTGGAAGCGGGACTAGCTGCTGACC
AGCGCCACACATGAACACTTCTCCAAGGACATTTCTAAAAAGGACACATGCTGTCCCCAGGCTGCTG
GTAAACTCCACCCCATCCAGGGAGCTGGCCCCAGCCCTCAGTGTGGCCAGGGAAGCAGAGCTTGAC
CGCCTGCCAGTTCTGAGCCCACTGATCCCTGACAATGCCTGGGGCAGATGGGGGAGGGCTGATGAACC
TTTCCAATCTCGTAGCTGCCGGGACCCCCAGGTTTTGCCTCTCTGCCTGGCTGGGTGAGGGCTGACC
AGGTGAGCAGCTCCTAGGCTTGGCTGGTGAAGTGGTGTCTCTGTCCCTATCAGTTCTGTTTGT
ACGCGTAAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
    
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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\\_002611.5](#)

**Summary:** This gene encodes a member of the pyruvate dehydrogenase kinase family. The encoded protein phosphorylates pyruvate dehydrogenase, down-regulating the activity of the mitochondrial pyruvate dehydrogenase complex. Overexpression of this gene may play a role in both cancer and diabetes. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Dec 2010]

**Locus ID:** 5164

**MW:** 70.3