

Product datasheet for **SC204090**

PANK4 (NM_018216) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: PANK4 (NM_018216) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: PANK4
ACCN: NM_018216
Insert Size: 340 bp
Insert Sequence: >SC204090 3'UTR clone of NM_018216

The sequence shown below is from the reference sequence of NM_018216. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
ATCTTCAAGTACGAGTCCCAGCCGAGTGAGGCGCTGCAGCTGCCGGACTCTTCTGCTTGTCACTTGTG
AGGAATGTGTTTTTACCACCACAGGGAACTGCGTTCAAATCAACGTATTTATATGGTACTGCTGTGAC
GCGGCACATACCCCAGCCGCACAGATGCGTGTGACCCAGAGGGCAGACGCAGCTTTGTCTGGGAGA
CGTTCATATTGGAATCTATTTAACTGCTAAAGAACCTTTTATATATATATATAAATAGAGAGATC
TATACAGGTATGTCTGACGGGACGCAGCACCGTGGGCACGCACCAAAATAGAGTTTTTAAAGAG
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

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.

RefSeq: [NM_018216.4](#)



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Summary: This gene encodes a protein belonging to the pantothenate kinase family. Pantothenate kinase is a key regulatory enzyme in the biosynthesis of coenzyme A (CoA) in bacteria and mammalian cells. It catalyzes the first committed step in the universal biosynthetic pathway leading to CoA and is itself subject to regulation through feedback inhibition by CoA. This family member is most abundant in muscle but is expressed in all tissues. [provided by RefSeq, Jul 2008]

Locus ID: 55229

MW: 13.1