

Product datasheet for **SC217154**

PANK3 (NM_024594) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PANK3 (NM_024594) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PANK3
ACCN:	NM_024594
Insert Size:	2000 bp



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Insert Sequence: >SC217154 3'UTR clone of NM_024594
 The sequence shown below is from the reference sequence of NM_024594. 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
GCACTTCTTGGGCTGCCAAATTCAGCTAAAGCATCAGGTCTCTCTCTGCTAATAAATGTCATCCAA
GAGGAACTAAAACAGAGGCATTATTACTGCATTGTTTGTCACTGGGAACCAAAGGATAAAAAGAGTAGC
ATAAGCTGCTGAATGTTGCCATATTAAGGAGAGAACTTGGTAACGTGAAAGTATTCTCATTGAAATGC
TTTCCCTTTTGTATATAGCCAGTGTTAAATCCTTAAATGCAATACAGCCTCTGATTATTGAGCTTCTC
TAAAAAGATTTTTTATTTTATGTAGCCAACATTGCAGTACTGTATGCTCAAACACAAATCTTAAAGT
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GATTACTAGTGAGCAGAAAATAACATACCCTGTATTCAAATTAAGTAAATGAAATGGCAATCAAAGATGATCA
TTTTTATGTGATTTTAGAAATGTTAAGGCAATACTACTAATTATTGTAGGTTTTTTTAAACGTATCACCC
AAAGCATGTATGTGATCTTTCCCAATTAGTATCTTTTTCTCAAATGCCATAAATAACTGAAATACTATT
ATTAATTTTTCATGAGAATTCTAAAATGAATCCTGGGAAATGCACGTTTGGTGATGTTGCACTTTCTGT
ATTTTACAGGAATTAGTCAATACATGTTGAAATGTTTAAACATTTTAAAGATTGGAGGCTTAATTACTGGG
AGTCTGTCTAATGAAGTCTGGGACTATTGTAATGGAATATGATTTGAGTTCACTGTGCTCTTTTGT
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CACTCCATAGCCATGTGGATTTTTATCCAAAGGCTCAACAACAGAGGGAATGGTGAGACCTGATAACT
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AGGAAAAGGGGAAGAGAGGCTGAGTGTCACCAAGTCCAACTCATTATAAAAATACTGCAAAAACCA
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AACTCTAGAGTTGGAGCAAGTCTTCCATTTGCTTCTTATCCCCTTAAAAGAATGCCTTCCACTTCCCA
ACAGCCCCATCAAGGGACCCCAAGAGGCCACCATGCTCTTATCTCGCACTTTCTTTCTATTCCCTT
GCCTGAATCTGGAGTGGGTTGAGCCCTCTGCCTTCAACCTTAAAGATTTAGGAAGTCTTTCCCAACT
GTCTAACTTGAAAGGTAGATGAGTCTGAATTTGAAGTAAACGAATGCAATTCCTCAGCAGAGGCA
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CTTATTTCTCTATGTAGGAAGTTGTGTCTTAGGCAACTTATCAGTATCAATGGAAAAATGATAGGCA
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AAAATAAACTATCTCAAGAAAGTTTTCAACGACAGTGTAGTGTTCATTTGTAAGAGAGAGTTCTAGAA
CTTCGATGTCCAGTGCAGTAGCCACTACCCATATGTAGCTGTTGAGCATTGAAATATGGTTAGTCCAA
ATTGAGATGTGCTCTAAAGGACAATAAAAGGTTAAATATCTCCTAATTTTTTGTATTGATTACATGTT
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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_024594.4](#)

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 expressed most abundantly in the liver. [provided by RefSeq, Jul 2008]

Locus ID: 79646

MW: 76.5