

## Product datasheet for **RN200594**

### **Pank4 (NM\_133531) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pank4 (NM_133531) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pank4
Synonyms:	Fang1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**Fully Sequenced ORF:** >RN200594 representing NM\_133531  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGCGGAGTGCCGGGCGAGTGGCGGCGGAGCGCGGGACAGTCTGGACAAGAGCATCACGCTGCCCC  
 CCGACGAGATCTCCGAAACCTGGAGAACGCCAAGCGCTTCGCCATTGATATAGGTGGATCACTGACCAA  
 GTTGGCATACTATTCCACAGTACAGCACAAAGTGGCCAAAGTGAGGTCTTTTGACCACCCAGGAAAGGAC  
 GCAGAACAGGACCATGAGCCGCCATGAGATCTCAGTTCAGGAGGAGATCACAGCTCGTCTGCATTTC  
 TCAAGTTTGAGAACACCTACATGGAAGCCTGCCTGGACTTTATCAGAGACCACCTTGCAACACTGAGAC  
 CAAGGTCCATCCAGGCCACAGGGGTGGAGCCTACAAGTTCAGGACCTCATCGAGGAGAAGCTGCGTCTG  
 AAGGTGGACAAAGAGGATGTGATGACCTGCTTGATTAAGGGTGCACCTCGTGTGAAGAACATCCAC  
 ATGAGGCCTTCATGTACCAGAAAGACTCAGACCCAGAGTTTCGGTTTCAGACAAATCACCGAACATCTT  
 CCCCTACCTCCTAGTCAACATTGGCTCTGGAGTCTCCATCGTGAAGGTGGAGACAGAGGACCGGTTCCGAG  
 TGGATTGGTGGGAGCTCCATTGGAGGAGGCACCTTCTGGGGGCTTGGGGCTCTGCTCACAAAACAAAGA  
 AGTTTGATGAGCTGCTGCAGCTGGCTTCCAGAGCCGGCACGCCAATGTTGACATGCTGGTACAAGACAT  
 CTATGGAGGGGCCACCAGACCTGGGGCTGAGCGGCAATCTCATCGAAGCAGTTTTGGGAAGTCAGCC  
 ACTGCTGACAGAGAGTTCTCAAAGAAGACATGGCCAAGAGCCTGCTGCACATGATCAGCAATGACATTG  
 GACAGCTCGCCTGTCTCTACGCCAAGCTTCATGGCCTAGACAGGGTCTACTTTGGGGTTTCTTCATCCG  
 GGGTACCCTGTGACCATGCGCACCATCACCTACAGCATTAACTTCTTCTAAGGGTGAAGTCCAGGCA  
 CTCTTCTGAGACATGAAGGCTACCTGGGAGCCATCGGGCATTTTTAAAGGAGCCGAGCAAGATAATC  
 CTAAACAGTACAGCTGGGGTGAAGAACTACGCGGCCAGTCCGGGCTGATGAGCACGGCGCCGAGCTGTG  
 CCCGACACAGCGGGCAAGGAGCGGCACATTTGACCTGCTGGAAATGGACCGCTGGAGAGACCCCTGGTC  
 AACCTGCCCTCCTCCTGGACCCATCCTCCTATGTGCCCGACACGGTAGACCTCACTGACGATGCTCTGG  
 CCCGACGACTGGCTCACATGCTTTGAGGAGGCTCTGGATGGGGTGGTGAAGCGAGCTGTGGCCAGCCA  
 GCCAGAATCCGTGGATGCAGCTGAGAGGGCAGAGAAGTCCGTCAGAAGTACTGGGGCAAACCTTCAGACT  
 CTGAGGCACCAGCCCTTTGCTTATGGGACGCTGACTGTGCGCAGCCTGTTGGACACAAGAGAGCACTGTT  
 TGAATGAGTTCAACTTCCCAGACCCCTACTCCAAGGTGAAGCAGAAAGAAAACGGCCTCGCGCTAAAGTG  
 CTTTCAGAGCGTACTCGCTCGCTGGACTCACTAGGCTGGGAGGAGCGGCAGCTGGCCCTGGTGAAGGGG  
 CTGTTAGCTGGGAATGTCTTTGACTGGGAGCCAAGGCTGTGTCTGACGTCCTGGAATCGGACCCCACT  
 TTGGGTTTGAAGAAGCAAAGAGAAAATTGCAAGAACGGCCCTGGCTGGTGGATTCTACACCAAGTGGCT  
 CCAGAGGTTAAAGGGGCCCCCTCATAAATGTGCCTTAATTTTCGCAGATAACAGTGGAAATAGACATCATT  
 TTGGGAGTCTTCCCTTTGTGAGGGAGCTACTCTGTAGAGGGATAGAGGTCATCTTGGCATGCAACTCAG  
 GCCCTGCCCTGAACGATGTGACCTACAGTGAGTCTCTCATTGTGGCAGAACGCATTGCAGCCATGGACCC  
 CATCATCTGCACTGCACTCAGAGAAGACAGGCTACTGCTGGTGCAGACCGGTTCCAGTCCCCATGCCTA  
 GATCTCAGCCGCTAGATAAGGGACTGGCTGTGCTGGTGCAGGAGCGTGGTGCCGACCTGGTGGTGCATCG  
 AGGGAATGGGCCGTGCTGTCCACACCAACTACCATGCTTTGCTGCGATGTGAGAGTCTCAAGCTGGCCGT  
 GGTGAAGAACGCCTGGCTGGCTGAGCGTCTGGGTGGCCAGCTCTTCAGTGCATCTTCAAGTACGAGGTC  
 CCAGCCGAG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul  
**ACCN:** NM\_133531  
**Insert Size:** 2322 bp

<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_133531.2</a> , <a href="#">NP_598215.1</a>
<b>RefSeq Size:</b>	2327 bp
<b>RefSeq ORF:</b>	2322 bp
<b>Locus ID:</b>	171053
<b>UniProt ID:</b>	<a href="#">Q923S8</a>
<b>Cytogenetics:</b>	5q36
<b>Gene Summary:</b>	human homolog is a member of the pantothenate kinase family; may play a role in coenzyme A biosynthesis [RGD, Feb 2006]