

## Product datasheet for **RN211509**

### **Pank2 (NM\_001106513) Rat Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Pank2 (NM\_001106513) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Pank2  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN211509 representing NM\_001106513  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGGAGCGGGCCGGTTGGCGCGCCTATGGAGCGCCAGGGCAGGGCTGCCGCCACCTCAGCCGCGGGCC  
GCGAGTCTGCGGACTCCGAAGTGCAGGAGCGGGAGCCGCTCAGGCGCGGGCGAGTAGCGCGGCTCCGTC  
AGAGTCAGGGCCGCGAGAGACTTGAGACGGGAGCGGCCGCTCCCTCGGCGGCTGTCTCGGCCGCC  
CGCCCGCGCGGGCAGGGCCTCCGGAAGAGCGGCCGCTTTTTCCGTGGTTTGGCTTGGATATTGGAGGAA  
CCCTGGTCAAGCTGGTTATTTGAACCTAAAGACATCACTGCTGAAGAAGAAAAGGAGGAAGTGGAGAG  
TCTGAAAAGCATTGGAAGTACCTGACCTCCAATGTGGCTTATGGGTCGACAGGAATTCGGGACGTGCAC  
CTTGAGCTGAAGGACCTGACTCTGTGTGGACGCAAAGGCAATCTGCACCTTATACGCTTTCCCACTCATG  
ACATGCCTGCTTTTATTCAAATGGGCAGAGATAAAAACTTCTCAAGTCTCCACACTGTCTTTGTGCCAC  
TGGAGGTGGATCATACAAATTTGAGCAGGATTTCTCACAATAGGTGACCTTCAGCTTCGAAAACCTGGAT  
GAACTAGATTGCTTAATAAAAAGGAATTTTATACATTGACTCAGTTGGATTCAATGGACGGTCACAGTGCT  
ATTATTTGAAAACCTGCTGATTCTGAAAATGTCAGAAATACCATTTGATTTGAAAATCCATACCC  
TCTGCTTCTGGTGAACATCGGCTCAGGGTTAGCATCTTAGCCGTGATTCCAAGGATAATTATAAGAGG  
GTCACAGGCACCAAGTCTTGGAGGAGGAACCTTTCTTTGGTCTCTGCTGCTTCTTACCGGCTGTAGTACTT  
TTGAAGAAGCTCTTGAGATGGCGTCTCGTGGAGATAGCACCAAAGTGGACAAATAGTTCGAGACATTTA  
TGGAGGAGACTATGAGAGATTTGGATTGCCAGGCTGGGCTGTGGCTTCAAGTTTTGGAAACATGATGAGC  
AAGGAGAAGAGAGAGGCTGCTAGCAAGGAAGACCTTGCCAGAGCAACTTTGATCACCATCACCAACAACA  
TTGGCTCCATAGCAAGAATGTGTGCTCTTAATGAAAACATTAACCAGGTTGTATTTGTCGGCAATTTCT  
GAGAGTCAACACAATCGCCATGCGGCTTCTGGCGTATGCTCTGGATTACTGGTCCAAGGGGCAGCTCAA  
GCAGTGTTCAGAGCACGAGGGTTATTTGGAGCTGTTGGCGCACTCCTTGAGCTGTTGAAGATACCT  
GA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001106513
<b>Insert Size:</b>	1332 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>	<u><a href="#">NM_001106513.1</a>, <a href="#">NP_001099983.1</a></u>
<b>RefSeq Size:</b>	1854 bp
<b>RefSeq ORF:</b>	1332 bp
<b>Locus ID:</b>	296167
<b>Cytogenetics:</b>	3q36