

## Product datasheet for **RN210888**

### Pip4k2c (NM\_080480) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Pip4k2c (NM_080480) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pip4k2c
Synonyms:	Pip5k2c
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN210888 representing NM_080480 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGCGTCTTCTCCGTCCTCCCGCCACCGCACCCGCGGCAGCTGGAGGCCCGGCCGGGATTCCGGCT  
TCGCCTCCAAAACCAAGAAGAAGCATTTTCGTGCAGCAGAAAGTGAAGGTGTTCCGGGCCCGCCACCCACT  
GGTGGGCGTGTTCTGTGGGGCGTCGCCACTCGATCAACGAGCTCAGTCAGGTGCCACCCCCAGTGATG  
CTGCTGCCAGACGACTTTAAAGCCAGCTCCAAGATCAAGGTCAACAATCACCTTTTCCATAGAGAAAATC  
TTCCCAGTCATTTCAAGTTCAAGGAGTATTGTCCCCAGGTCTTCAGGAACCTGCGAGATCGGTTTGCCAT  
TGATGATCATGATTACTTGGTGTCCCTTACTCGAAGCCCCCAAGCGAAACCGAAGGCAGTGATGGCCGC  
TTCCTTATCTCCTATGACCGCACTCTGGTCATCAAGAAGTATCCAGTGAGGACATCGCGGACATGCACA  
GCAACCTCTCCAATTACCACCAGTACATAGTGAAGTGTACGGCAACACCCTTCTGCCCCAGTTCCTGGG  
CATGTACCGGGTCAGTGTAGAAAATGAAGATAGCTATATGCTCGTGATGCGCAATATGTTTAGTCACCGT  
CTTCTGTGCATAGGAAGTATGACCTCAAGGGCTCTCTGGTATCCCGGGAAGCCAGCGATAAGGAAAAGG  
TTAAAGAAGTCCAACTGAAGGATATGGACTTTCTTAACAAAACAGAAAAGTATATTGGTGAAGA  
AGAGAAGAAAGTGTTCCTGGAAAAGCTGAAGCGAGATGTGGAGTTTCTAGTGCAGCTGAAGATCATGGAC  
TACAGCCTTCTACTGGGCATCCACGACATCATTGGGGCTCTGAACCGGAGGAAGAGGGGCTGTGAGGG  
AGGAGGAGTCAGAGTGGGATGGGACTGTAACCTGACTGGACCTCCTGCTCTGGTAGGCTCCTATGGCAC  
CTCCCCTGAGGGCATTGGAGGCTACATTATTCCACCGGCCCTGGGCCAGGAGATTTGAGTCTTTC  
ATCGATGTCTATGCTATCCGGAGTGTGAGGGGGCCCCCAGAAGGAGGTGTATTTTCATGGGCTCATTG  
ACATTCTAACACAGTATGATGCCAAGAAGAAAGCAGCTCATGCAGCCAAAACCGTCAAGCATGGGGCAGG  
GGCGGAGATCTCCACTGTCCATCCTGAGCAGTACGCTAAGCGATTCTGGATTTTATTTCCAACATCTTT  
GCC**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_080480
<b>Insert Size:</b>	1266 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_080480.2</a> , <a href="#">NP_536728.2</a>
<b>RefSeq Size:</b>	3194 bp
<b>RefSeq ORF:</b>	1266 bp
<b>Locus ID:</b>	140607
<b>UniProt ID:</b>	<a href="#">O88370</a>
<b>Cytogenetics:</b>	7q22
<b>Gene Summary:</b>	may play a role in phosphatidylinositol bisphosphate synthesis in the endoplasmic reticulum; has similarity to phosphatidylinositol 5-phosphate 4-kinase IIalpha and IIbeta isoforms [RGD, Feb 2006]