

Product datasheet for **RN214780**

Pip5k1a (NM_001042621) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pip5k1a (NM_001042621) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pip5k1a
Synonyms:	Pip5k1b
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN214780 representing NM_001042621
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGTCCGCTCCTCAGGGCCAGCGGGCGGGGTTTTACCCCTTGATTCCGGGGTCCCTGCCGGTA
 CCGCAGCATCTGGAATCAAGAGAGGCACAGTATCTGAGGGACCTTATGCCTCTCTCATGCCTGTCAAGAA
 AATAGGCCATCGAAGTGTGATTCTCTGGAGAGACTACATACAAAAAGCAACTTCATCAGCCTTGAAA
 GGTGCCATCCAGTTAGGTATCACTCACACTGTGGGCAGCCTTAGCACAAACCAGAGCGGGACGTCTCA
 TGCAAGACTTCTACGTGGTGGAGAGCATCTTCTCCCACTGAAGGCAGCAACCTGACACCGGCTCACCA
 TTACAATGACTTTCGGTCAAGACCTATGCACCTGTGCCTTCCGTTACTTCAGAGAGCTATTTGGCATC
 CGGCCTGACGATTACTTGTACTCCCTTTGCAGTGAGCCATTGATTGAACTCTCCAATTCTGGAGCTAGCG
 GTTCCCTCTTCTACGTGTCCAGTGATGATGAATTCATCATTAAAGACCGTCCAGCATAAAGAGGCAGAATT
 TCTGCAAAAATTGCTTCCAGGATACTACATGAATCTTAACCAAAACCCTCGTACTTTGCTGCCCAAATTT
 TATGGACTGTACTGTGTGCAAGCAGGCGCAAGAACATACGAATTGTGGTGATGAACAATCTCTTGCCCTC
 GGTCAAGTCAAAAATGCATATGAAATATGATCTCAAGGGTTCAACTTACAAGCGCGGGCTTCTCAGAAAGA
 ACGAGAGAAGACTCTCCCACTTTAAAGACCTGGACTTCCCTACAAGATATCCCGGATGGCCTTTTTTTA
 GATGCTGACATGTACAGTGCTCTATGTAAGACTCTGCAGCGTGACTGTCTGGTGTGCAGAGCTTCAAGA
 TTATGGACTATAGCCTGTTGATGTCCATCCACAACATGGATCATGCCAGCGAGAGCCCATGAACAGCGA
 AACACAATACTCAGTTGACACTCGCAGACCAGCCCCGAGAAGGCTCTCTATTCCACAGCTATGGAGTCC
 ATCCAGGGCGAGGCTCGCCGGGGCGGCACTGTGGAGACTGAGGACCACATGGGTGGCATCCCTGCCAGAA
 ACAACAAAGGGGAAAGGCTCCTGCTTTACATTGGCATATTGATATTCTGCAGTCTACAGTTTGTAA
 GAAGTTGGAGCACTCTTGAAAGCCCTGGTCCATGATGGGGACACGGGTGTCAGTACATCGTCCAGGCTTC
 TATGCTGAACGGTCCAGCGCTTCAAGAGGATTCCCTTGAAGCCTTCTCCTA
 CCAAAAAGTTTCGGTCTGGCCATCTTTCTCTCGGCGATCAGGCCCCAGCGGCAACTCCTGCACTCCTTC
 CCAGCCGACAGCCTCTGGGGAACACAAAGCACAAGTGACTACGAAGGCGGAAGTGGAGCCAGATATACAC
 CTTGGGCGTCTGATGTCTTACCTCAGACTCCACCGTTGGAGGAGATAAGTGAGGGTTACCTGTTCTGT
 GTCCAGTTTCTACCTGCAGTTGGACAACCTTTGCAAACTAAATTTGAGTTCAACCTTGAAAAGCT
 TGATGTTGCAGAGTCAGAACTACCCAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001042621
- Insert Size:** 1641 bp
- OTI Disclaimer:** 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).
- Components:** 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).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
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.

RefSeq: [NM_001042621.1](#), [NP_001036086.1](#)

RefSeq Size: 3518 bp

RefSeq ORF: 1641 bp

Locus ID: 365865

Cytogenetics: 2q34