

Product datasheet for **RN203880**

Pip4k2b (NM_053550) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pip4k2b (NM_053550) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pip4k2b
Synonyms:	Pip5k2b
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN203880 representing NM_053550 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTCGTCCAACCTGCACCAGCACCAGGCGGTGGCGGTGGCGCCGCTCAGCGCCAGCAAAACCAAGACCA
AGAAGAAGCATTTTCGTGTGCCAGAAAGTGAAGCTATTCGGGCCAGCGAGCCGATTCTCAGCGTCTCTGAT
GTGGGGGGTGAACCACACGATCAATGAGCTGAGCAATGTCCCGTCCCTGTCATGCTAATGCCAGATGAC
TTCAAAGCTTACAGCAAGATCAAGGTGGACAATCATCTTTCAATAAGGAAAACCTCCCCAGCCGCTTCA
AGTTCAAGGAATACTGCCCATGGTGTCCGAAACCTCAGGGAGAGGTTTGGCATCGATGACCAGGATTA
CCAGAATTCAGTGACACGCGAGTGCGCCATCAACAGTGACAGCCAGGGCAGGTGCGGCACACGCTTCCTC
ACCACCTATGACCGCGTTTTGTTCATCAAGACTGTGTCAAGTGAGGATGTGGCAGAGATGCACAACATCC
TAAAGAAATACCACAGTTCATAGTGGAGTGTACGGCAATACCCTTTGCCACAGTTCCTGGGCATGTA
CCGCCTGACCGTGGACGGTGTGGAAACCTACATGGTGGTACCAGGAATGTATTCAGTTCATCGGCTTACT
GTACATCGCAAAATGACCTCAAGGTTCCACCGTTGCCAGAGAAGCCAGTGACAAGGAAAAGGCCAAGG
ACTTGCCACGTTCAAAGACAATGACTTCTCAATGAAGGGCAGAAGCTACGTGTGGGAGAAGAGAGTAA
AAAGAATTCTAGAAAACTGAAGCGGGATGTGGAGTTCTGGCCAGCTGAAGATCATGGACTACAGC
CTCCTGTTGGGCATCCACGACGTAGACCGGGCAGAGCAGGAGGAGACGGAGGTGGAAGACCGAGCGGAGG
AGGAGGAGTGTGAGAACGATGGGGTGGCGGTGGCCTGCTCTGCTCCTACGGCACGCTCCAGACAGCCC
CGGCAACCTCCTGAGCTTCCCCGGTCTTTGGCCAGGAGATTGACCCCTCCGTCGACGCTCTATGCC
ATGAAAAGCCATGAGAGTGCCCTAAGAAGGAGGTCTATTTTCATGGCCATCATTGACATCCTTACACCGT
ATGACGCTAAGAAGAAAGCTGCACATGCCCAAGACAGTGAAACATGGGGCAGGGGCTGAGATCTCCAC
TGTGAACCCGGAGCAGTACTCAAACGCTTCAATGAGTTCATGTCCAACATCCTGAC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_053550
Insert Size:	1251 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:	<ol style="list-style-type: none"> 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_053550.1 , NP_446002.1
RefSeq Size:	1987 bp
RefSeq ORF:	1251 bp
Locus ID:	89812
UniProt ID:	O88377
Cytogenetics:	10q31
Gene Summary:	has similarity to phosphatidylinositol-5-phosphate 4-kinase IIalpha and IIgamma isoforms [RGD, Feb 2006]