

Product datasheet for MC212168

Pip4k2b (NM_054051) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pip4k2b (NM_054051) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pip4k2b
Synonyms:	AI848124; c11; PI5P4Kbeta; Pip5k2b
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC212168 representing NM_054051 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCGTCCAACAGCACCAGCACCAGGGCGGTGGCGGTGGCGCCGCTCAGCGCCAGCAAAACCAAGACCA
AGAAGAAGCATTTTCGTGTGCCAGAAAGTGAAGCTATTCGGGCCAGCGAGCCGATTCTCAGCGTCTCTGAT
GTGGGGGGTGAACCACACGATCAATGAGCTGAGCAATGTCCTGTTCCTGTCATGCTAATGCCGGATGAC
TTCAAAGCTTACAGCAAGATCAAGGTGGACAATCATCTTCAATAAGGAAAACCTCCCCAGCCGCTTCA
AGTTCAAGGAGTACTGCCCATGGTGTTCGAAACCTCAGGGAGAGGTTCCGGCATCGATGACCAGGACTA
CCAGAATTCAGTGACACGAGTGCACCTATCAACAGTGACAGCCAGGGCAGGTGTGGCACTCGTTCCTC
ACCACCTATGACCGCGTTTTTCGTATCAAGACTGTGTCAAGTGAGGATGTGGCCGAGATGCACAACATCC
TAAAGAAATACCACAGTTCATAGTGGAATGTCACGGCAATACCCTTTGCCACAGTTCCTGGGCATGTA
CCGCCTGACCGTGGATGGGGTGGAAACCTACATGGTGGTACCAGGAATGTATTCAGTTCATCGGCTTACT
GTGCATCGCAAAACGACCTGAAGGTTCCACTGTTGCCAGAGAAGCCAGTGACAAGGAAAAGGCTAAGG
ACTTGCCAACTTTCAAAGATAATGACTTTCCTCAACGAAGGCAGAAAGCTGCACGTGGGAGAAGAGACAA
AAAGAACTTCTGGAAAACCTGAAGCGGGACGTTGAGTTCTGGCCAGCTGAAGATCATGGATTACAGT
CTCCTGGTGGGCATCCACGACGTGGACCGGCAGAGCAGGAGGAGATGGAGGTGGAAGAGCGAGCGGAGG
AGGAGGAATGCGAGAATGATGGGGTGGTGGCAGCCTGCTCTGCTCCTATGGCACGCTCCAGACAGCCC
TGGCAACCTCCTGAGCTTCCCCGGTCTTCGGCCAGGAGATTGACCCCTCTGTGGACGTCTATGCC
ATGAAAAGCCATGAAAGTGCCCTAAGAAGGAGGTCTATTTTCATGGCCATCATTGACATCCTCACACCT
ATGACGCTAAGAAGAAAGCTGCACACGCCGCCAAAACGGTAAACATGGGGCAGGGGCTGAGATCTCCAC
TGTGAACCCGGAGCAGTACTCAAACGCTTCAACGAGTTCATGTCCAACATCCTGACGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_054051
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_054051.1 , NP_473392.1
RefSeq Size:	5068 bp
RefSeq ORF:	1251 bp
Locus ID:	108083
UniProt ID:	Q80XI4
Cytogenetics:	11 61.07 cM
Gene Summary:	Participates in the biosynthesis of phosphatidylinositol 4,5-bisphosphate.[UniProtKB/Swiss-Prot Function]