

Product datasheet for **MC206987**

Pip5k11 (BC094346) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pip5k11 (BC094346) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pip5k11
Synonyms:	BC028795
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC206987 representing BC094346. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCCACACCAAGCCTTAGGTCCACGAGATCCCGGCCACTCCAGGAGGCTGAAACAAGTCCATT
TCCTCAGGGAGCCGCCGGCCTTCTTTGGCACCTCCGAGCCAGGCAGTCTAGAGTTGGCCTGTTTGAG
GTGGTCCAGGACATGAGCTGCATAGAATGACACGAATGATGCAGGAAGGGCTGTGGGCTGCCACCCAG
GTCTCCAAGAACAACCCACCCACGGGACCTACTACCCAGAAGGATTACCTGGAAGTCATGACCCAAGTT
CACGAAGAGGGCTTCGAGCTGGGCACCTTGGCTGGCCCGGCTTTGCACGGCTGAGGAAATCCATTGGC
CTGACTGAAGAGGACTACCAGGCTACTCTGGCCCTGGTATCCCTACCTCAATTCTTCAGCACCTCC
AAAAGCAAGGCCAGTCTTCTCTGACCCACGACCAGCGCTTCTTTGTGAAGACCCAACGGCGCCACGAA
GTGCATGTGCTGCTTGCCACCTGCCCGCTATGTGGAGCACCTGCAGCAATACCCACACTCCCTGCTG
GCACGGTTGCTGGGCGTATACAGTCTGCGGGTAGCTCAGGGGAAAAAGGTGAGTGTAGCAGACAGAGGT
GGCTCAGCAGTGGGGGCTGCTGGAGGGTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:	Sgfl-MluI
ACCN:	BC094346
Insert Size:	651 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).



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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:	BC094346
RefSeq Size:	2207 bp
RefSeq ORF:	650 bp
Locus ID:	227733
Cytogenetics:	2 B
MW:	23.9 kDa
Gene Summary:	May act as a scaffold to localize and regulate type I PI(4)P 5-kinases to specific compartments within the cell, where they generate PI(4,5)P2 for actin nucleation, signaling and scaffold protein recruitment and conversion to PI(3,4,5)P3.[UniProtKB/Swiss-Prot Function]