

Product datasheet for **MC224776**

Pik3c2b (NM_001099276) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pik3c2b (NM_001099276) Mouse Untagged Clone
Tag: Tag Free
Symbol: Pik3c2b
Synonyms: C330011J12Rik; Gm199; PI3K-C2beta; PI3KC2beta
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC224776 representing NM_001099276
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCTTCCACTCAGGGCAATGGGAGCACTGGAAGTCCCTGGAGTCGGTGGGCATCAGCCGAAAGAGC
 TGGCTATGGCCGAAGCCCTGCAGATGGAGTATGACGCTCTTCCCGGCTCCGACATCACAAGGAGGAGAG
 CAGGGCCAAGCAGAACACAGAACCCTCTTATCAGCTGGGATGAGCCAGCCTTGGACTTCTACAGCAAG
 CCAGCAGGCAGGCGGACCGACCTCAAGCTTGGGTGGTCTTCTGGCTCTGATCCACCCTAAATTACA
 ACTCCATCTCCCCACCAGAGGGGCTCCCCAACTCTACCTCCCAGGATCCACAGCCTGGCCAGACCCCTG
 GCCAAGGGCTCCCTGTCTGGAGACTATCTCTATATTTTTGATGGCTCAGAGGGGAGATGCTCTTTGTCT
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 CATCAACAGTTTCTCTTCGGCAGAACAGCCACCTGACAACTGCTAGTGGCCAGGACCCAGAAGAGGGA
 GAGCTGCCTGATGGCAGGGGACAGGGACACAGCTGGGTCTGTGGACTACGATGGCATCAATGATGCAA
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 GAGAGGCCAGTCAAGCAGACCATCAGCAGGCAGGCCTTGAGTCTTCTGTTTGACACTTACCACAATGAGG



TGGACGCCTTCCTGCTGGCTGATGGGGATTTCCCACTGAAGGCTGACAGGGTGGTCCAGTCTGTCAAGGC
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 CCCTCGGCATGCAGCAAAAATCCAGAAGGATCCAGCGTGTGAGTGTGAGGGAAAACCGAGAGAAGG
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 GCCTTCACTGTCTATGGCACTCACCGTATCCCATCATCTGGGCTACCAGCTATGAAGATTTCTACCTCT
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 GAAGGACAGCCTCAAGGACTCTCAGTTCAGTATCCGCTACCAATACCTGTAGCAGCCCTGCTGTGCTGC
 TGTGGCAAGGGACTGAGGGAGGAGTTTAAACCGCAGTGTGGCTGTCAACACCTGGCCAACTGGCCC
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 TCGCATCATGAGCAAGATCTGGGTACAGGAGGGGCTGGACATGCGCATGGTCACTTCCGCTGCTTCTCC
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 CTCCCCGACACACACTCTAAGAGCTCTGGCCGATCCGAGATGCTTCCCTCTGCCGACATGAGAAGAT
 ATCCAGAGGACATTCGAGGAGTTCAGGAAGTGCACAATAAGCTGCGCCTGCTTCCCTTCTTCTTCC
 TGCCAGCTTCCCTAGCCGGTTTGTGATTGGCCGCTCCCGGGGAGAGGCAGTGGCTGAGAGGAGGAAGGA
 GGAGTTAAATGGTACATCTGGCACCTGATTCATGCAGCCCTGAGGTGGCTGAGTGTGATCTGGTGTAT
 ACTTTCTTCCACCCCTGCCCGAGATGAGAAGGCTTCAAGCCCCAGCCAGCTCCGAAGTCTCAGATG
 GGACGTGGGCCCGCCGTTGGGAAGGTCGGTGGGAGGTGAAGCTGTCTATCTCTACAAAACAACAA
 ACTTTCATCATGGTGTGCATATTCGGGGCTTCAACCCTCCAGGATGGCAATGACCTGACCCCTAT
 GTAAAGATTTACCTCCTTCTGACCTCAGAAAACCACAAGAGGAAAACCAAGGTGGCCCGAAAACCT
 GCAACCCTACCTACAATGAGATGCTGGTATATGATGGGATCCCCAAGGGAGACCTGCAGCAGCGGGAGCT
 ACAGTTGAGTGTGCTGAGTGAGCAAGGATTTTGGGAGAATCTGCTTCTCGGGGAGGTGCACATCCGCTT
 CGGGAGCTGGACCTGGCCAGGAGAAGACCGGCTGGTTTGGACTGGGTTCTCGAGGTGATGAACCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001099276
Insert Size:	4899 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:	<u>NM_001099276.2</u> , <u>NP_001092746.2</u>
RefSeq Size:	7929 bp
RefSeq ORF:	4899 bp
Locus ID:	240752
Cytogenetics:	1 E4