

Product datasheet for **RN207150**

Pik3c2b (NM_001105951) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pik3c2b (NM_001105951) Rat Untagged Clone
Tag: Tag Free
Symbol: Pik3c2b
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN207150 representing NM_001105951
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCTTCGACTCAGGGCAATGGGAGCACTGGAATCCCTGGAGTCGGTGGGCATCAGCCGAAAGAGC
 TGGCTATGGCTGAAGCCCTGCAGATGGAGTATGATGCTCTTCCCGCTCCGACATCACAAGGAGGAGAG
 CAGGGCCAAACAAAACACAGAGCCCTCTCTATCAGCTGGGATGAGCCAGCCTTGGACTTCTACAGCAAG
 CCAGCAGGCAGGCGGACAGAGCTCAAGCTCTGGGTGGTCTTCTGGCTCTGATCCCACCCTAAATTACA
 ACTCCATTTCCCAACCAGAAGAGCTCCCAACTCTACCTCCCAGGACCCACAGCCTGGCAGATCCCTG
 GCCAAGGGCTCCCAATCTGGAGACTATCTCTATATTTTTGATGGCTCAGATGGGAGATGCTCTGTCT
 CCAGTATCAGGTGACACCGATGGCTCTTGTAAAGAACTATCCCCACCTCCTCCTCCTCGGGTCTCTA
 TCTGGGATGCCCTCCCTGCCTCCTAGGAAGGGATCTCCCTCACCTCCAAGATCTCTCAGCCTGATGA
 CATCAACAGTTTCTTTGGTGGACAGCCATCTGACAACTGCTAGGGGCCAGGACCCAGGAGAGGGA
 GAGCTACCAATGGTGGGGACAGCGACATGTGCTGGGTCCGTGGACTATGACGGCATCAATGATGCAA
 TCACGAGGCTCAACTTGAAGTCCACTTACGATTCGGAGATATTGTCTGACGCTACCAGGGCTGGAAGGA
 GGGCCGAGGACCCCTGGACTTTAGCAAGGACACCTCTGGGAAACCTGTAGCCCGAGCAAGACGATGCC
 CCTCAAGTGCCCCCTCGAACCTATACGCCCGGATACGCCAACCGAAAAACGCAACACCTGGCAAGAACC
 GCCGGATATCTGCCGCTCCGGTGAAGTCTCGGACCCACACTGTCACCAATGGCCATGAATTGTTGAGGT
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 ACCCAGGACTATCCCTAACTGGGTGTGCTGGAGCACTGTACCCCGAGCCAGAGCACCTTGGGGATG
 AGGTCAACCTGAAGGTGACTGTGTTGTGTGACAGTCTTCGGGAGCCACTCACCTTACCTGCAACTGTT
 CTCCACCGTGGACTTGCTCATTTACCAGACCCTGTCTACACCCAGCAGAGCTGAGGGAGGTGGATGTG
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 GAGCGACCTGGCCCGGACGGTGAATGATGACCAGAGCCCTTCCACCTTGAACCTCATCCATCTTCAA
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 TGGATGCCTTCTACTGGCTGAAGGGGATTTCCCACTGAAGGCTGACAGGGTGGTCCAGTCTGTGAAGGC
 CATCTGCAATGCTCTGGCTGCTGTGGAGACTCCTGAGATCAGAGTGCTCTCAACCAGCTGCCTCCCTGC



CCGTCACGAATGCAGCCGAAAATCCAGAAGAAGGTGGTAGAAGCCTTGACAGCAGCCATCTTGGACTTAG
 TGGAGCTGTA CTGCAGCACATTCATGCAGACTCCAGACAGCCGTACCTGGGAGCCGAAAAGCATGATTT
 GGTTCAAGAGGCCTGCCACTTCTCTGGGGCCCTGGCCTTCACTGTCTATGGCACTCACCGTATCCCATC
 ATCTGGGCTACCAGCTATGAAGATTCTACCTCTCTGCTCCCTCAGCCACGGTGGCAAGGAACCTTGCA
 GCCCTCTGCAGACCCGGCGGGCTCACTTCTCCAAGTACCTGTTCCACCTCATCATCTGGGACCAGCAGAT
 CTGCTTTCCCGTGCAGGTGAACAGGCTGCCTCGGGAGACCCTGCTGTGTGCCACTCTATGCCCTGCC
 ATCCCCCTCCCGGAGTTCCTCCGAAGCCAATAGCAGAAGCGGGTGCCTGAAGCTCTGGTTGGGTCA
 CTACCCCTCTTCAACTTCAGGCAAGTCTTGACCTGTGGCCGAAAGCTTCTGGGCTTGTGGCCAGCAAC
 ACAGGAGAACTCCAGTGCCCGTTGGAGTGACCAAATTTCCACCAGCCAGACAGTGCATCTCTGCAGATT
 GACTTCCCCACCTCGGCCTTTGACATCAAGTTCACCAGCCCCCTGGAGACAAGTTCAGCCCCCGCTATG
 AGTTTGGCAGTCTCCGGGAGGAGACCAGCGCAAACCTAAAGACATTACGCAGAAGGAGTCCCTTTACTG
 GCTCTCTGATGCCGACAAGAAGCAACTGTGGGAGAAGCGCTATTACTGCCACTGAGGTGAGCTCGCTC
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 AGTGGACTCACATGAACCACCAGGATGCCCTGGGACTCCTGCATGCCACCTTCCCGACCAGGAGGTGG
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 CAGGCCCTGAAGTACGAGTGTACTCTGGATAGCCCTTGGTGCGCTTCTCTGAAGCGAGCCATCTCCG
 ACCTGCGAGTGACCCACTACTTTTTCTGGTTACTGAAGGACAGCCTCAAGGACTCCCAGTTCAGCATCCG
 TTACCAATACCTGCTAGCGGCCCTGCTGTGCTGTGTGGCAAGGGACTGAGGGAGGAGTTAACCGCCAG
 TGCTGGCTTGTCAATACCTGGCCAACTGGCCAGCAGGTCCGAGAGGCCACCCCATCTGCACGCCAGG
 GCATCCTTCGTGCGGGCTTGAGGAGGTGAGGCAGTCTTTGCTCTCAATGGTTCGTGCCGTCTGCCGT
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 GGATATGCGCATGGTCATTTTCCGCTGCTTCTCACTGGCCGAGGAAAAGGGATGGTGGAGATGATACCC
 AATGCCGAGACTGCGTAAGATCCAGGTGGAGCATGGGTGACCGCTCCTTCAAGGACGTCCCTGG
 CTGACTGGCTTCAAGAAGCACAACCTGGGGAGGATGAATATGAAAAGGCTGTGGAGAAGTTCATCTACTC
 TTGTGCCGGCTGCTGTGTGGCTACATACATCTTGGGCATCTGTGACAGACACAATGACAACATCATGCTG
 AAGACCACGGCCACATGTTCCATATAGACTTCGGCCGCTTCTGGGCCACGCGCAGATGTTGCGTAATA
 TCAAGAGGGACCGCGCCCGTTTGTCTTCACTCAGACATGGCGTATGTCATCAACGGGGGTGACAAGCC
 TTCCAGCCGCTTCCATGATTTTGTGACCTTGTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTG
 CTCTTCTCAACCTCCTGGCCCTGATGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTG
 AGTATGTGATGATGCCCTGAGACCTCAGGACACGGAGGCAATGCCACTACCTACTTACAAGGTTGAT
 TGAGTCCAGCTTGGGACGCTAGCTACGAACTCAACTTTTTTATCCACAACCTGGCTCAGATGAAGTTC
 ACAGGCTCAGACGACCGGCTCACCTCTCCTTTGCCCCCGAACACATACTCTCAAGAGCTCTGGCCGCA
 TCCGTGATGTCTTCTCTGCCGACATGAGAAGTCTTCCACCCTAGCAAGGGCTATATCTATGTGGTGAA
 GGTGATGCGAGAGAACGCTCACGAGGCAACCTACATCCAGAGGACGTTCCAGGAGTTCAGGAAGTGCAC
 AATAAGCTGCGCTGCTTCCCTTCTCCTTCTGCCCAGCTTCCCTAGTCGGTTTGTGATTGGCCGCT
 CCCGGGAGAGGACGAGTGGCTGAGAGGCGGAAGGAGGAGCTAAATGGCTACATCTGGCACTTGATTGATG
 AGCCCCGAAGTGGCTGAGTGTGACCTGGTATATACTTTCTTCCATCCTCTGCCCGGATGAGAAGACT
 TCAGGCCCTAGCCAGCCCGAAGTTCATCAGATGGGACGTTGGCCCGGCGGTTGGGAAGGTCGGTGGGG
 AGGTGAAGCTGTCCATTTCTACAAAAACAACAACTTTCATCATGGTGTGATGATATTCGGGGCTTGCA
 ACCGCTCCAGGATGGCAGTGACCCTGACCATATGTAAGATTTACCTCCTTCTGACCCTCAGAAAAGCC
 ACAAGAGGAAAACAAAGTAGCCCGAAAACCTGCAACCCTACCTACAATGAGATGTTGGTGTATGATG
 GGATCCCAAGGGAGACCTACAACAGCGGGAGCTCCAGTTGAGTGTGCTAAGTGAGCAAGGATTTGGGA
 GAACGTGCTTCTCGGGAGGTGCACATCCGCTTCCGGAGCTGGACCTGGCCAGGAGAAGACCGGCTGG
 TTTGCACTGGGATCTCGAGGTGATGGAACCTTAGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001105951

Insert Size:	4866 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_001105951.1</u> , <u>NP_001099421.1</u>
RefSeq Size:	5340 bp
RefSeq ORF:	4866 bp
Locus ID:	289021
Cytogenetics:	13q13