

Product datasheet for RN212490

Pik3cb (NM_053481) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pik3cb (NM_053481) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pik3cb
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN212490 representing NM_053481 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTGCTTCCGCTCTATAATGCCTCCTGCTATGGCAGACACCCTTGACATCTGGGCCGTGGATTCACAGA
TCGCGTCTGATGGCTCCATCTCTGTCGATTTCTTCTGCCACTGGGATTTATATCCAGTTGGAAGTACC
CCGGGAAGCTACCAATTTCTATATTAACAGATGTTATGGAAGCAAGTTCACAATTACCAATGTTTAAAC
CTCCTTATGGACATTGACTCCTATATGTTTGCCTGTGTGAATCAAAGTCCGTATATGAGGAACTGAAG
ATGAAACACGAAGACTTTGTGATGTCAGACCTTTCCTTCCAGTTCCTCAAAGTACTGACTAGAAGCTGTGA
CCCAGCAGAAAAATTGGACTCAAAAATTGGAGTCTTATAGGAAAAGGTCTTCATGAATTTGATGCCTTG
AAGGATCTGAAGTGAATGAATTTAGAAGAAAAATGCGCAAGTTCAGCGAGGACAAGATTCAGTCTCTGG
TGGGGCTGTCTTGGATTGACTGGCTCAAGCACACGTACCCGCCGAGCACGAACCGTCCGTCTGGAGAA
CCTGGAAGACAACTTTATGGAGGAAGCTGGTGTGGCTGTGCATTTGAAAAAGCCAGGATGTATTT
AGTTTTCAAGTGTCTCCAATTTGAATCCTATAAAAAATAATGAATTGGCAATCCAGAAACGCCTCACTA
TTCGCGGAAGGAAGAGGAAGCTAGCCCTGTGACTATGTGTTACAGGTCAGTGGGAGAGTGGAGTATGT
GTTTGGTGACCATCCACTGATTCAAGTCCAGTATATCCGGAATTTGTGAATGAACAGGACCTGCCCAT
TTCATCCTTGTGGAATGTTGTAAGATCAAGAAAATGTATGAACAAGAAATGATTGCCATAGAGGCTGCCA
TCAACCGAAACTCCTCCAGCCTTCTCTCCCTTACCACCAAAGAAAACACGAGTATTTCTCATGTCTG
GGGCAACAACAACCTTTCCAAATTTGCTTGGTAAAAGGAAAATAGCTTAACACAGAAGAAACCGTGAAA
GTTTATGTCAGAGCCGGACTTTTTATGGAACCGAGCTCCTGTGTAACCGTCGTAAGCTCAGAGATAT
CAGGAAAGAATGACCATATTTGGAATGAACAACGGAATTTGATTAATATTTGTGACTACCAAGAAT
GGCTCGATTATGTTTTGCTGTTTACGCAGTTTTGGATAAAGTAAAAACGAAGAAATCAACAAAAACTATT
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TGGTTTTTGACTTCAAAGGACAGCTGAGGTCTGGAGACGTAATATTGCACAGCTGGTCTTCGTTTTCTGA
TGAGCTGGAAGAAATGCTGAACCCCATGGGACTGTGCAGACGAACCCATATGCTGAGAATGCAACTGCC
TTGCACATTAAGTTTCCGGAGAACAAGAAGCAGCCTTATTATTACCCCCCTTCGATAAGATCATTGAGA
AGGCAGCTGAGATTGCCAGTGGAGACAGTGCAGACGTATCAAGTCGTGGTGGGAAAAAGTTTCTTGCTGT
ACTGAAAGAAATCTTGGACAGGGACCCCTGTCTCAGCTGTGTGAGAACGAAATGGACCTTATTTGGACT



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CTACGGCAAGACTGCCGAGAAAATTTCCACAGTCACTGCCAAAACACTCTCTGTCAATCAAATGGAATA
 AACTTGAAGATGTTGCTCAGCTTCAGGCGCTCCTGCAGATTTGGCCAAACTGCCACCCAGGGAAGCACT
 GGAACCTCTGGATTTCAACTATCCAGACCAGTATGTCCGAGAGTACGCTGTAGGCTGCCTGCGACAGATG
 AGTGATGAAGAACTCTCTCAGTATCTTTACAGTTGGTGAAGTTTTGAAGTACGAGCCTTTTCTTGACT
 GTGCCCTCTCCAGATTCCTATTGGAAAGAGCACTTGACAACCGGAGGATTGGCCAGTTTCTGTTTTGGCA
 TCTTAGGTGAGAGTGCACACTCTGCTGTGTCCATTCAGTTTGGTGTATCCTAGAGGCATAGTCCG
 GGAAGCGTGGGCACATGAAAGTGTCTTCCAAACAGGTTGAAGCACTCAATAAAATTAATACTTTAAATA
 GCTTAATCAAATTTGAATGCGATGAAGCTGAACAGAGCTAAAGGAAAGGAGCCATGCACACGTGCTTAAA
 ACAGAGTGCTACCGGGAGGCGCTCTCTGACCTGCAGTCACTCTGAACCCATGTGTATCCTCTCAGAG
 CTCTATGTGCGAAAAGTGCAGATACATGGACTCCAAGATGAAGCCGCTGTGGTGGTCTACAGCAACAGGG
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 GCAGATGCTGCGCTGATGGATCTGCTGTGAAAGAAGCTGGCTTGACCTGCGAATGCTCCCCTATGGC
 TGTCTAGCAACAGGAGATCGCTCTGGCCTCATTGAGGTTGTGAGCACCTCTGAGACAATCGTGACATTC
 AGCTAAACAGTAGCAACGTGGCTGCCACAGCAGCCTTCAACAAAGATGCTCTCCTGAACTGGCTCAAGGA
 GTACAATTCTGGGACGACCTGGACAGAGCGATTGAGGAGTTCACCTGTCTGTGCTGGCTACTGTGTA
 GCCTCTTATGTCTTGGCATTGGTGACAGGCACAGTGACAACATCATGGTGAAGAAAACCGGCCAGCTCT
 TCCACATAGACTTTGGGCATATTCTTGGAAATTTCAAATCTAAATTTGGCATTAAAAGGGAACGAGTACC
 TTTTATTCTTACTTATGACTTCAATTCATGTCTTCAACAAGGAAAAACGGGAAACACAGAAAAATTTGGC
 AGGTTCCGCCAGTGTGTGAAGACGCGTACCTGATTTTACGGCGGCATGGGAATCTTTCATTACCTGT
 TTGCGCTGATGTTGACTGCAGGGCTTCCCGAGCTCACATCAGTCAAAGATATACAGTATCTTAAGGACTC
 TCTTGCCTTAGGAAAGAGTGAAGAAGAAGCACTCAAACAGTTTAAAGCAGAAGTTTGTAGGCACTCAGG
 GAAAGCTGGACCACTAAGGTGAAGTGGTGGCTCATACAGTTCGGAAAGACTACAGGTCTAG

AGCGGACCGACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-RsrII

ACCN:

NM_053481

Insert Size:

3213 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:

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_053481.2](#), [NP_445933.1](#)

RefSeq Size:

4509 bp

RefSeq ORF:

3213 bp

Locus ID: 85243
UniProt ID: [Q9Z1L0](#)
Cytogenetics: 8q31
Gene Summary: may play a role in hepatocyte proliferation and DNA replication [RGD, Feb 2006]