

Product datasheet for MR215420

Pik3c2b (NM_001099276) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pik3c2b (NM_001099276) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Pik3c2b
Synonyms:	C330011J12Rik; Gm199; PI3K-C2beta; PI3KC2beta
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR215420 representing NM_001099276 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCTTCCACTCAGGGCAATGGGGAGCACTGGAAGTCCCTGGAGTCGGTGGGCATCAGCCGAAAGAGC
TGGCTATGGCCGAAGCCCTGCAGATGGAGTATGACGCTCTTCCCGGCTCCGACATCACAAGGAGGAGAG
CAGGGCCAAGCAGAACACAGAACCCTCTTATCAGCTGGGATGAGCCAGCCTTGGACTTCTACAGCAAG
CCAGCAGGCAGGGCAGCCGACCTCAAGCTTTGCGTGGTCTTTCTGGCTCTGATCCACCCTAAATTACA
ACTCCATCTCCCACCAGAGGGGCTCCCAACTCTACCTCCAGGATCCACAGCCTGGCCAGACCCTG
GCCAAGGGCTCCCTGTCTGGAGACTATCTCTATATTTTTGATGGCTCAGAGGGGAGATGCTCTTTGTCT
CCAGGATCAGGTGACACAGATGGCTCTTGCAAGAACTATCCCCACCTCCTCTCCCTCCTCGTGTCTCTA
TCTGGGATGCCCCCTCCCTTGCTCCTAGAAAAGGATCACCTCACCTCCAAGATCTCTCAGCCTAATGA
CATCAACAGTTTCTTTCGGCAGAACAGCCACCTGACAACTGCTAGTGGCCAGGACCCAGAAGAGGGA
GAGCTGCCTGATGGCAGGGGACAGGGACACACGCTGGGGTCTGTGGACTACGATGGCATCAATGATGCAA
TTACCAGGCTCAACTTGAAGTCCACCTACGACTCAGAGATATCGTCTGATGCTACCAGGGGCTGGAAGGA
GGGCCGAGGGCCCTGGACTTCAACAAGGACACCTCTGGGAACTGTGGCCCGGAGCAAGACGATGCC
CCTCAGGTGCCCTCGAACCTATACTTCTCGATATGCCAACGAAAAATGCAACACCTGGCAATAACC
GACGGATTTCTGCTGCTCGGTGGGCTCTCGGCCACACTGTTGCCAATGGCCACGAATTGTTTGAGGT
CTCAGAGGAGAGAGATGAGGAAGTTGCTGCGTTTCCACATGCTGGATATCCTTGAACGGGCTCTGAT
ATCCAGGACTATCCCTAACTGGGTGTCTGGAGCACTGTACCCCAAGTCCAGAACACCTTGGGGATG
AGGTCAACCTGAAGGTGACAGTGTGTGTGACAGTCTCCGGGAGCCACTCACCTTTACCTGCAACTGTTC
CTCCACCGTGACCTGCTCATCCACCAGACCCTCTGCTACACTCACGATGAGCTGAGGGAAGTGGACGTG
GGCGACTTTGTGCTGAAGCCCTGTGGGCTGGAGGAGTTCTTGCAAATAAGCACGCCCTGGGAAGCCATG
AGTATATCCAATATTGCCGAAGTTTGATATCAGCATCCGGCTACAGCTGATGGAGCAGAAGGCTATCCG
GAGCGACTGGCCCGGACGGTGAATGACGACCAGACCCTTCCACCTTGAACCTCATCCATCTCCAA



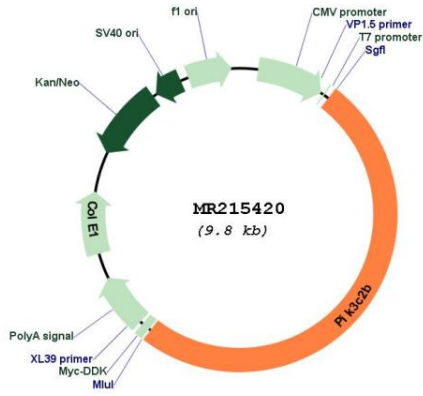
[View online »](#)

GAGAGGCCAGTCAAGCAGACCATCAGCAGGCAGGCCTTGAGTCTTCTGTTTGACACTTACCACAATGAGG
 TGGACGCCTTCTGCTGGCTGATGGGGATTTCCCACTGAAGGCTGACAGGGTGGTCCAGTCTGTCAAGGC
 CATTGCAATGCTCTGGCTGCTGTGGAGACTCCCGAGATCAGCAGCGCTCTCAACCAGCTGCCTCCCTGC
 CCCTCGCGCATGCAGCCAAAAATCCAGAAGGATCCAGCGTGTGAGTGTGAGGGAAAACCGAGAGAAGG
 TGGTAGAAGCCTTGACAGCGGCATCTTGGACTTGGTGGAGCTGTACTGCAGCACATTCAATGCAGACTT
 CCAGACGGCGGTGCCTGGGAGCCGAAAGCATGATTTGGTTCAAGAGGCCTGCCACTTCCCTGGGGCCCTG
 GCCTTCACTGTCTATGGCACTACCGTATTTCCCATCATCTGGGCTACCAGCTATGAAGATTTCTACCTCT
 CCTGCTCCCTCAGCCACGGTGGCAAGGAACTTTGCAGCCCCCTGCAGACCCGCGGGCTCACTTCTCCAA
 GTACCTGTTCCACCTCATCATCTGGGACCAGCAGATCTGCTTTCAGTGCAGGTGAACAGGCTACCTCGG
 GAGACTCTGCTGTGTGCCACTCTATGCCCTGCCGTTCCCTCCTGGGGTTCCTCTGAAGCGAATA
 AGCAGAAGCGGGTGCCTGAAGCTCTGGTTGGTCACTACCCCTCTTTCAACTTCAGGCAAGTCTTGAC
 CTGTGGTGCAGGCTCCTGGGCTGTGGCCAGCGACACAGGAAAACCTCCGGTCCCGCTGGAGTGCCT
 AATTTCCACCAGCCAGACAGTGTATCCTGCAGATTGACTTCCCAGCTCGGCCTTGACATCAAGTTCA
 CCAGCCCCCTGGAGACAAGTTCAGCCCCGCTATGAGTTTGGCAGTCTCCGGGAGGAGACCAGCGCAA
 ACTTAAAGACATTACGCAGAAGGAGTCCCTATACTGGCTCAGGATGCTGACAAGAAGCAGCTGTGGGAG
 AAACGCTATTACTGCCACTGAGGTGAGCTCACTCCCCCTGGTTCTCGCAAGTGACCCAGCTGGGAGT
 GGGCTTGCTGCCGACATCTATGCTCTCTGCAACAGTGGACTCACATGAACCACCAAGATGCCCTGGG
 ACTCCTGCATGCCACCTTCCCGGACCAGGAGGTGCGGCGGATGGCCGTGCAGTGGATCGGCTCCCTCTCA
 GATGCGGAGTCTGGACTACCTGCCCCAGCTAGTCCAGGCCCTGAAGTATGAGTGTACCTGGATAGCC
 CCTTGGTGCCTTCTCCTGAAACGAGCCATCTCTGACCTGCGAGTGACCCACTACTTCTTCTGGTTACT
 GAAGGACAGCCTCAAGGACTCTCAGTTCAGTATCCGCTACCAATACCTGCTAGCAGCCCTGCTGTGCTGC
 TGTGGCAAGGACTGAGGGAGGAGTTAAACGCCAGTGTGGCTGTCAACACCCCTGGCCAACTGGCCC
 AGCAGTCCGAGAGGCCACCCCATCCGCCAGGGCATCCTTGTGTGGCTTGGAGAGGTGAAGCA
 GTTCTTTGCCCTCAATGGTTCTGTCGCTGTCGCGCTCAGTCCCAGTCTCCTGGTGAAGGGCATCGTGCC
 AGGGACTGCTCCTACTTCAATTCACGCAAGTGGCCCTGAAGCTTGCCTTCCAAAATGTGGATCCGCTGG
 GCGAGAACATCAGAGTCACTTTAAGTGTGGGATGATCTTCGTCAGGACATGCTCACCCGTCAGATGAT
 TCGCATCATGAGCAAGATCTGGGTACAGGAGGGGCTGGACATGCGCATGGTATCTTCCGCTGCTTCTCC
 ACTGGCCGAGGAAAAGGGATGGTAGAGATGATACCAATGCAGAGACTGCGCAAGATCCAGGTGGAAC
 ATGGGGTACTGGCTCCTCAAGGACCGTCCCCTGGCCGACTGGCTACAAAAACACAACCTGGGGAGGA
 TGAATATGAAAAGGCTGTGGAGAACTTCATCTACTTGTGCTGGCTGCTGTGTAGTACATACATCTTG
 GGCATCTGTGACAGACACAATGACAACATCATGCTAAAGACCACGGCCACATGTTCCATATAGATTTG
 GCCGCTTCTGGGTACGCACAGATGTTTGGTAACATCAAGAGGGACCGTCCCGCTTGTCTTACCTC
 AGACATGGCGTATGTCATCAATGGGGTGAACGCTTCCAGCCGCTCCATGATTTTGTGACCTTTGC
 TGCCAAGCCTACAACCTCATTGCAAGCACACCCACCTTCTCCTCAACCTTCTGGGCTGATGCTGTCT
 GTGGAATCCCCGAGCTCTCAGACCTGGAGGACCTCAAGTATGTGTATGATGCCCTGAGACCTCAGGACAC
 AGAGGCCAATGCCACCACCTACTTACAAGTTGATTGAGTCCAGCCTGGGAGCGTACCCAGGAACTC
 AACTTTTTCATCCATAACCTGGCTCAGATGAAGTTCACAGGCTCAGATGACCCGCTGACCCCTCCTTCC
 CTCCCCGACACACTCTCAAGAGCTTGGCCGATCCGAGATGCTTCTCCTGCGGACATGAGAAGAT
 CTTCCACCCAGCAAGGGCTATGTATATGTGGTGAAGGTGATGCGAGAGAATGCTCAGAGGCGACATAC
 ATCCAGAGGACATTCGAGGAGTTCCAGGAAGTGCACAATAAGCTGCGCCTGCTTCCCTTCTTCTTCC
 TGCCAGCTTCCCTAGCCGTTTGTGATTGCGCCGCTCCCGGGGAGAGGCAGTGGCTGAGAGGAGGAAGGA
 GGAGTTAAATGGTACATCTGGCACCTGATTCATGCAGCCCTGAGGTGGCTGAGTGTGATCTGGTGTAT
 ACTTTCTTCCACCCCTGCCCGAGATGAGAAGGCTTCCAGCCCCAGCCAGCTCCGAAGTCTCAGATG
 GGACGTGGGCCCGCGGTTGGGAAGTTCGGTGGGAGGTGAAGTGTCTATCTCTACAAAAACAACA
 ACTTTCATCATGGTGTGCATATTCGGGGCTTGAACCGCTCCAGGATGGCAATGACCTGACCCCTAT
 GTAAGATTTACCTCCTCCTGACCCTCAGAAAACCAAAAGAGGAAAACCAAGGTGCCCGGAAAAACCT
 GCAACCCTACCTACAATGAGATGCTGGTATATGATGGGATCCCCAAGGGAGACCTGCAGCAGCGGGAGCT
 ACAGTTGAGTGTGCTGAGTGAGCAAGGATTTGGGAGAATCTGCTTCTCGGGGAGGTGCACATCCGCCTT
 CGGGAGCTGGACCTGGCCAGGAGAAGACCGGCTGGTTTGGACTGGGTTCTCGAGGTCATGGAACC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

ACCN:	NM_001099276
ORF Size:	4896 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_001099276.2 , NP_001092746.2
RefSeq Size:	7929 bp
RefSeq ORF:	4899 bp
Locus ID:	240752
Cytogenetics:	1 E4
MW:	184.6 kDa

Product images:



Circular map for MR215420