

Product datasheet for **MC206724**

Pik3r3 (BC053102) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pik3r3 (BC053102) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pik3r3
Synonyms:	AA414954; p55pik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC053102
TCTCTTCTCCGAAGGACACAAAAGTGGCTTCCGCTGAAAGATTAGGAGCGGTGGGAGCTTTTCCCTT
TGGAGAGCGATTGTGTAGGAAGGATTTTCGGAAGCTGCTTTTTAACACCACTGCTTTTGCCTTCCGAG
CTTCCCTGTAACCCTCTGAGGTAAAAACCCCTAGCTTGAAGTTCGGGGTATTTTGTGGTGCCTTAG
GAGGAGAGAAGAGGAGGACCTTGTCTCATCTAGTAGTTTGGCTGGACTTGTACTGGCCGTGGAAACC
CCCAAGTACATTTCCGTGTGAACTTTTCAAATATATATTTAGATTTTAAATATCAGATAAAAGATATA
TATGCTTTTTATATTTCCCGACGACCTGCCCTGACAGCGCATGTACAATACGGTGTGGAGTATGGA
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GTTTCATTTCTTCAAGATGCAGAGTGGTACTGGGGAGATTTCCAGGGAAGAGGTAATGACAAATT
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ACTTTGAGGAAGGAGGAAATAATAAATTAATAAAGATCTATCATCGGGATGGTAAATATGGCTTCTCTG
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TCCCAAACCTCGACGTGAAGCTGACGTACCCAGTATCCAGATTCCAACAGGATCAGTTGGTAAAAGAAGAT
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CTTGATGGCTCAATCACAGAGGAGTGAGGCAGAGGCGCTGAATGCCTGGCTGGGGATCAAGAATGAGG
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GCTCCATTACCAGCAGACATCCCTGGTTTCAGCACAACTCCCTCAACGTGAGGCTCGCTACCCTGTC
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ATGGTTTTTATTAGACTACGATGAGGGCATTCTTTCAACGTAGACTGCTTGTTCACACAAGTATTCTG
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 CCACCCTCAGCCACTCTGTAAGGCCTTTTTCAAAATTGCCAGCTTAAAATCTTGCTCAGTTTACCAAGTA
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 AAACAAAAACAAGCTGTTCCACCTGGCATAGTTCAGCTTAGGTAGGTGTTTATGTTCTTGTCACTGCT
 CCAGCAATAGATGAAGACATCCTACAGCTCCACACTACTAAGACACAAGCTTTCTACATTTACTTCAGAC
 TCAAGCCCGAGTGGCATCTTCTTGTGTCCCTTCTGCAAGGTACCAGCTTACCCATTCTCCAGAACT
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 AGCTCTAGCCATTTGTGACAACCACCTTGTTCCTTACAAATCCTCGCATGTAACCTTGGTACTTTGTT
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 TGCAAATGTTCTTGTACCAAATGTGTTTCAAGCATTGCTGTGCGGTTGTGGGAAGGGTGGGGGGAAG
 GTAAGGTGAGAACATTGTTGGGGCTTTTTCTTTTTTAACTTCTCCAAGACTTGAATGGTTGGCAGA
 CTTGCTCCAGATGCAATAAAGACATTGCAGTGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: EcoRI-NotI
ACCN: BC053102
Insert Size: 1386 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:	BC053102 , AAH53102
RefSeq Size:	5038 bp
RefSeq ORF:	1386 bp
Locus ID:	18710
Cytogenetics:	4 D1
Gene Summary:	Binds to activated (phosphorylated) protein-tyrosine kinases through its SH2 domain and regulates their kinase activity. During insulin stimulation, it also binds to IRS-1. [UniProtKB/Swiss-Prot Function]