

Product datasheet for **MC206328**

BB220380 (BC028998) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BB220380 (BC028998) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	BB220380
Synonyms:	Pik3r6
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >BC028998
 TTTTCTGCAGATCTCTAGAGTGGACAGTCAGGACGACAAGCTCTCTTTGGCTCCTTTGGGACATCTGGT
 CCTTGGGGTTGCTGGCCTCCTGAACAGGACCTCAGGAGCTCATTGGCTGGAGGTCTGGGGACGTGGACA
 ACTGTGGTCCAGCTAAGAAATCTCTGTGTAGAAACCACCTTCTACGTTCTGCTCTGCTGCTTGAGACGA
 CCACATCTCCCCATACAGGACAGACTCCATGGAGAGCTCAGATGTGGAGCTGGACTCCAGAGGAGTG
 TACAGGCTGTGCTGCGAGAGCTCAACACCCAAACCCAGCCCTCCAGAGCAATCAGGGCATGTGGAGATG
 GTCTCTGCACAAGAAGGTGGAGAGAAACCCAGGAAAGAGCTCCATTCTGGTCCGAATCTGCTCAGAGAG
 CTGGAGAAGGCAGAAAGCGAGGACGGACGCCGTGCATCATTCCCTTGGCTCAGCTCTAATGTCCGTGC
 TCACTAAGGCCACAGGCATCCCAGAAGATCTGTACCATAGAGCTTATACCTTCTGCACCAGGCTACTGAC
 CCTGCCGGCCCCCTACTCTACAGTCGCCTTGGACTGCGCCATAAGACTGAAAACAGAGACGGCTGTCCCA
 GGTACGCTGTACCAGAGGACTGTCATCGCTGAGCAGAATCTGATAAGTGAAGTATACCTTACCAGGAGA
 GGGTGTCTTCTGTTCTGTTGACCTGAGCTGGTTTCTGCCTCCGTGTGCAGTGCCTGCTGCTGGAGATCCA
 GGGCGCCCAAGAGCAGCAGACACCGAGGCTGCATGCGCCACGTGGTCTCCACGCCTTGACGGCAGCT
 CTGGGAGAAGCCTGCCACACAGGTGCTCTGAACAGGAAGCTGCAGGCCAGCTCCCACGCCTTGACGGCAGCT
 ACTATTTCCACGCCGTTGTGGCTGCCATAGAGCAGGTGGTAGCGAGGACAGCCACGCCGCTGGGACA
 CCTGGAGAAGATGGAGGAGATTTACTGCTCGCTGCTAGGGCCTGCGACCACAAGAAGGCAGCTGTGTCCGT
 GACCTTCTGCAAGACCGCTGCCAAGCATCCCCCTGCCAGCCCCCTACATCACCTTCCACCTCTGGACCG
 ACCAGGAGCAGCTCTGGAAGGAAGTGGTACTTCTCCTCCGCCACGCTCGCAGCTGCGCCTCAGTGTGA
 TCTGGATGCCTTGGATCTACAAGGATTTAGGCTAGACCGGACTTGGCCCGGTGTCCACCGACAGTGGGA
 ATTGAGCGGGACCTCCCTTTGGGAGCGATGAGCTTCCGACCCAGCAGCTCTGAGATGGAGCGGGCCG
 CCCTTCAACGCAAGGGGGGCATCAAGAAGCGTGTGTGGCCCCCTGACTTCTTATGCCTGGCAGCTGGGA
 TGGGCCCCCGGGTTCATCGGAGGACTGGCAGGCCTAGTGGGGACGGGAGCTGCTACCTGGAGTCTCT
 CGGGTGCATACCGCCCGCTGCTCGTTCTGGGGATGACAGGATGCTAGGGCCTTGGCCAGGCTTACT
 ACAGACTCAGGAAACGGGAGACCAAGAAGTTCTGCCTCACTCTAGACTCAGCTACAGCTCTACTATAT
 CCCTGTGCTGGCCCTCAGGATCCAGAAGCATCCAGGAAGCCTGAGCTGGGAGAGCTGGTTCCTTCTG
 GGTGAGTGCACCATGGTATGAAAGCACTGTCAACACCTGTGTCTGCCATCTCAAGCTGGCCGAGA
 TGCCTCCCTACTTGGACACATCTAGGACCGTGGACCCCTTCACTCTGGATGTCATCACTTACTATGTCCG
 CATGGGCACTCAGCCATCTATTTCCAGCTCTACAAGGTTAAGATCTTACCAGCTTGAGTCACGACCT
 ACAGAGGACATTTCTCACAGAGCTGAAGGTGAAGATCCAAGACTCCAAGTCCCCCAAAGAGGGCTCTT
 CACCTCGAAGGAGAGGGGAGCTGAGGGCACAGGAGCTGAGCTGTCCATGTGTACCAGAAGGCCCTGCT
 CAGCCACAGACCAGAGAGGTCACTGTTTCTCTGCGGGCCACCGGCTGGTCTGAGGGCATTCCAGCT
 GGTGACACTGAAGTTTACGGGTTCTTCCACTGTACCTACCAAATGCTGCTTCTGCCACAGACTGTTCT
 GTCTGCACGTGAGTGTGACAGAGGTGGTCAAGTCTCCAATCTGGCAGGAAGGTCAATTTACGACATCAAC
 CAACACCTTCCGGACATCCAGTATCCAAGTCCAGAGCCAAGACCAGAGGCTGCTCACACTATGGTGGAC
 AAGGACGGACGGCGGACTTTCAGGGATGTGGTCAGATTTGAGGTGAGTCCCTGCCAGAGCCATGTTTAC
 GGACCCAGAAATCCAAGACGTGACGCTCAATTCGCACGGGCAGGAGACAGAGAAGAATGGCCAAAGCC
 CAATTTCTTTCTGATGCCATCAACACATTTCTCTGGCATCATCCAATAAGCTTACCAGGACAGTGGGAGA
 TCTGGTCCAGGGGACAGACCCAAAGAAGGAAGAAACTACCCACCCATCCACAACATTTACTGAC
 AGCCCCACTGGGAGCTCTGCTTGGACAGGAGCCAGAGAATGCCTGGGAATTAAGAGCCTGGGTTGT
 AATGAATAAGGGGCATGTGATAAAGATGGATGACGCCACGGCTCCAGATTGCTGGACAGAGTTGGAAT
 GAGATGAGCTGATGCATACTCAAGCCAGCTTCTCCAGAAACATCTTTCTGTGATGATGTTCAATTTCC
 GTTTCTCATCCACCATCCACTCCAGCTCCCTAGGGAGTCTGAGAACTGGTGTGAGTTAGCTGCAGGTAT
 AGCTGGTGGTTCAGCGGTAGAGCACTTGCCTAGTGTGTGGGAGGCCTTGGGTTTGACCTCAGTTTATAAA
 AAGGGTTTACAGCTGATGGTTCACTATTTGTACAGCGCCCTGTGGCTTGGAAAGGACCAGGGAGTAGG
 TAGTGAATACTGTATTTGCTCCCTTCTGACTTCATACCATCCTTTGCAGCTCTCAAGGCCACGGTTCGCC
 AGTGCCGAGGGGGTTCGGTCTGTCTCAGTAAAGAAGAGAGTGATAGTCTCAATAAAGACACTAAAGT
 TTAATAA

Restriction Sites: RsrII-NotI
ACCN: BC028998
Insert Size: 2259 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:	BC028998 , AAH28998
RefSeq Size:	3200 bp
RefSeq ORF:	2259 bp
Locus ID:	104709
Cytogenetics:	11 B3
Gene Summary:	Phosphoinositide 3-kinase gamma is a lipid kinase that produces the lipid second messenger phosphatidylinositol 3,4,5-trisphosphate. The kinase is composed of a catalytic subunit and one of several regulatory subunits, and is chiefly activated by G protein-coupled receptors. This gene encodes a regulatory subunit, and is distantly related to the phosphoinositide-3-kinase, regulatory subunit 5 gene which is located adjacent to this gene on chromosome 11. The protein binds to both the catalytic subunit and to G beta-gamma, and mediates activation of the kinase subunit downstream of G protein-coupled receptors. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2014]