

Product datasheet for **RN202811**

Pik3c3 (NM_022958) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pik3c3 (NM_022958) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pik3c3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN202811 representing NM_022958
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGGGAGGCGGAGAAGTTCCACTACATCTACAGCTGTGACCTGGACATCAACGTGCAGCTGAAGATAG
 GGAGCTTGGAAGGAAGAGAGAACAAAAGAGCTACAAAGCTGTCTTAGAAGATCCCATGCTAAAGTTTTTC
 CGGACTATACCAAGAGACATGCTCTGATCTGTATGTGACTTGTCAAGTTTTTGTGAAAGGAAGCCCTG
 GCCTTGCCAGTCAGAACATCCTACAAACCATTTAGTACACGATGGAATTGGAACGAGTGGCTGAAACTCC
 CGGTGAAATACCTGACCTGCCAGGAACGCCAAGTGGCCTTGACTATATGGGATGTGTATGGACCCGG
 AAGGGCTGTGCCGTGGGAGGAACAACCGTGTCACTCTTTGAAAATATGGCATGTTTCGCCAAGGAATG
 CACGACTTGAAAGTCTGGCTAACGTGGAGGCAGATGGCTCCGAACCCACACGAACCCCGGCGAGAACA
 GCAGCACACTCTCAGAAGACCAGATGAGCCGCTTGCCAAGCTTACCAAGGCTCATCGGCAGGGACACAT
 GGTGAAGTGGATTGGTTGGACAGACTAACGTTTAGAGAGATAGAAATGATAAATGAGAGTGAGAAACGA
 AGCTCTAATTTTCACTGACTTGATGGTTGAGTTTCGCTGTGTCAAATGCGATGACAAGGAATATGGTATTG
 TCTACTATGAAAAGGATGGTGACGAATCATCTCCAATTTAACAAGCTTTGAGTTAGTAAAAGTTCTCTGA
 TCCTCAAATGTCTATGGAGAAGTCTAGTGGAGAGCAACACCACAAGCTTGCTCGGAGTTTAAAGAGTGG
 CCATCTGACCACGATCTCAAACCAACGCTACCACAAGAGATCAGCTAAATATTATTGTGAGCTACCCAC
 CAACCAAGCAGCTCACATATGAAGAACAAGATCTTGTGGAAATTTAGATATTACTTACTAATCAAGA
 AAAGGCTCTGACAAAGTCTTGAAGTGTGTTAACTGGGACCTACCCAGGAGGCCAAGCAGGCGCTGGAA
 CTTCTGGGAAAGTGAAGCCAATGGATGTGGAGGATTCCCTAGAGCTGCTCTCTCTCATTACACCAACC
 CCACCGTGGCGCGGTACGCTGTGGCCGCTTGAGGCAGGCCGATGACGAGGATTTGCTGATGATCTTGCT
 GCAGCTGGTCCAGGCTCTGAAATATGAAAACCTTTGATGACATAAAGAACGGTTTGGAGCTTACCAAGAAG
 GATAGTCAAGCTTCCGTGTCAGAGAGCCTGTCAAGTTCTGGAGTCAAGTTCTGCAGATATAGATAGCTCTC
 AAATTATAACCAACCCTCTCTCCGGTGGCCTCCCTCTCTGCATCTAAATCAAAGGAAGTTTCTGA
 TGGGAAAACCTAGAGCAGGATCTTTGTACCTTGTGATCAAGAGCCTGTAAGAAGTCAACACTGGCT
 AACTATTTACTGATGTGATAGTGGAGTGGGAAGATCAGGACACACAGCAGAGGGACCCAAAGACTC
 ACGAGATGTACCTGAACGTCATGAGGCGCTTCAAGCAAGCCCTGCTCAAGGGTACAAGTCCGTGCGGGT
 CATGCGCTCCCTGCTGGCGGCACAGCAGACCTTTGTAGATCGCTGGTGCATCTGATGAAGGCAGTGCAG
 AGAGAAAGTGGGAACCGCAAGAAGAAGAATGAGAGACTTCAAGCCTTGCTTGGAGATAATGAAAAATGA
 ACTTATCAGATGTGGAGCTGATCCATTGCCGTTAGAGCCACAGGTGAAAATACGGGGAATCATCCCGGA
 AACAGCCACACTGTTCAAGAGTGCTCTTATGCCTGCCAGCTGTTCTTCAAGACAGAAGCAGGTGGCAAA
 TACCCTGTGATCTTCAAGCATGGGACGACTTGCCTCAAGATCAGCTTATCCTTCAGATCATCTCCCTCA
 TGGACAAGCTGTTGCGGAAAGAAAATCTGGATTGAAATGACCCCTTACAAGGTGTTAGCCACGAGTAC
 AAAACATGGCTTCATGCAGTTTATCCAGTCAGTCCCCTGCGCGAAGTCTTGCACGGAGGGAAGCATT
 CAGAACTTTTTCAGGAAATATGCCCAAGCAGACTGGACCAATGGCATCAGTGCAGAGGTCATGGACA
 CTTACGTTAAGAGCTGTGCTGGCTACTGTGTGATCACCTACATCCTTGGGGTTGGAGACCGGCACCTGGA
 TAACCTTCTGTTAACAAGACAGGCAAACCTCTCCATATAGATTTCCGGTATATTTCTGGCCGAGATCCC
 AAGCCTTCTCCTCCAATGAAGCTGAATAAGGAGATGGTCAAGGGATGGGTGGTACCCAGAGTGAGC
 AGTACCAAGAGTTCAAGAGCAGTGTACACGGCCTTCTCCACCTGCGAAGGATTCAAATCTGATTCT
 GAACCTGTTCTCCTTGTGTTGATGCAAACTCCAGATATTGCTTGAACCAGATAAACTGTAAAA
 AAGGTTACAGATAAGTCCGTCTGGACCTGTCAGATGAGGAGGCCGTGATTACATGCAGAGTCTGATCG
 ACGAAAGTGTTCACGCCCTGTTGCTGCGGTGGTGGAGCAGATCCATAAGTTTGGCCAGTACTGGAGAAA
 ATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_022958

Insert Size:	2664 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:	NM_022958.2 , NP_075247.1
RefSeq Size:	3147 bp
RefSeq ORF:	2664 bp
Locus ID:	65052
UniProt ID:	O88763
Cytogenetics:	18p12
Gene Summary:	activation and intracellular signaling mediates leukotriene B4-induced chemotaxis, generation of reactive oxygen species, and degranulation [RGD, Feb 2006]