

Product datasheet for **RN210574**

Pik3r3 (NM_022213) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pik3r3 (NM_022213) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pik3r3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN210574 representing NM_022213 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTACAATACGGTGTGGAGTATGGACCGCATGACGCAGACTGGAGGGAGGTGATGATGCCCTATTCGA
CAGAAGTATTTTATATTGAAATGGATCCTCCAGCTCTCCACCAAAGCCACCTAAGCCAGTGACGTC
AGCAGTTACAAACGGAATGAAGGACTGTTTCGTTCTTCAAGATGCAGAGTGGTACTGGGAGACATT
TCCAGGGAAGAGGTAAATGACAAATTGCCGGACATGCCAGACGGTACTTCTTAGTTCGAGATGCCTCAA
CAAAAAATGCAGGGAGACTATACACTGACTTTGAGGAAGGGAGGAAATAATAAATTAATAAAGATCTATCA
TCGGGATGGTAATTATGGCTTTTCTGAGCCCTGACGTTTAATTCTGTGGTGGAGCTCATTAACCACTAT
CACCATGAATCTCTCGCTCAGTACAATCCCAAACCTGATGTGAAGCTGATGTACCCAGTGTCCAGATACC
AACAGGATCAGTTGGTAAAAGAAGATAACATTGATGCGGTAGGTAAAAACCTGCAAGAATCCACTCTCA
GTACCAGGAGAAGAGTAAAGAGTACGATAGGCTGTATGAAGAGTACACCAGGACGTCACAGGAAATACAA
ATGAAGAGAAGTCCATTGAAGCCTTAAATGAAACGATTAATAATTTGAGGAGCAGTGCATACCCAAG
AACACACAGTAAAGACTATATTGAGCGGTTTCGCAGAGAGGGGAATGAGAAGGAGATTGAGCGGATTAT
GATGAATTACGATAAATTGAAATCCCGTCTGGGTGAGATTCACGATAGCAAAGTGCCTCTTGAGCAGGAC
TTGAAGAAAACAGCTTTGGACAACCGGAAATAGATAAAAAAATGAATAGCATCAAGCCTGACCTGATCC
AGCTGCGTAAGATCCGAGACCAGCACCTCGTATGGCTCAATCACAGGGGAGTGAGGCAGAGGCGCCTGAA
CGCCTGGCTGGGATCAAGAGTGAGGACACAGATGAGAGCTATTTTATCAATGAGGACGATGAGAGCCTC
CCGATTATGATGAGAAGACCTGGTTTGTGGAGGATGTGAACCGAGTACAGGCAGAGGACCTGCTTTATG
GGAAGCCAGACGGTGCATTCTTAATTCTGAGAGTAGCAAGAAAGGATGTTACGCTTGTCTGTGGTTGC
AGACGGGAGGTGAAGCCCTGTGTATCTACAGCCCTGCTCGAGGATATGGCTTTCAGAACCCCTACAAC
CTGTACGGCTCGCTGAAGGAGCTGGTGTCCACTACCAGCAGACATCCCTGGTCCAGCACACAGACTCCC
TCAACGTCACGCTCGCTACCCTGTCCAGCACAGATGCCCTCGCTCTGCAGATAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_022213
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:	NM_022213.1 , NP_071549.1
RefSeq Size:	1386 bp
RefSeq ORF:	1386 bp
Locus ID:	60664
UniProt ID:	Q63789
Cytogenetics:	5q35
Gene Summary:	regulatory subunit of phosphatidylinositol 3-kinase, a mediator of various cellular signaling mechanisms; may mediate signaling in brain and muscle [RGD, Feb 2006]