

Product datasheet for **RN216977**

PIk5 (NM_001170557) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PIk5 (NM_001170557) Rat Untagged Clone
Tag:	Tag Free
Symbol:	PIk5
Synonyms:	PIk5p
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >RN216977 representing NM_001170557
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGCCCCGGTTGAGGCGCGCGGAAGCCGCCAGCTAGTGGCCACCTCCTGCGTGACCCGGGCTCAG
 GGCGCGTGACCGCGCGGGAAGCTGATCGGCAAGGGCGCCTTCAGCCGCTGCTACAAGCTCACGGACAT
 GTCCACCAGCGCGGTGTTTCTTAAGGTGGTCCGAGGGGCGAGCGGGGCGGCTGCGCCTGCGCGGG
 AAGGTGGAGCGTGAGATCGCCCTGCACAGCCGCTGCACCACCGCAACATCGTGGCCTTCCACGCACACT
 TTGCTGACCGCGACCACGTGATATGGTCTGGAGTACTGTAGCCGCCAGTCTTGGCTCATGTACTGAA
 AGTGGCGCGGACCCTGACGGAGCCTGAAGTGGCTACTACTTTGGGGCCTGGTCACTGGCCTCCGCTAC
 CTGCACCAACAACGCATCGTGACAGGGACCTGAAACCCAGTAATTTCTCCTTAAACAAGAACATGGAAG
 TTAAGATAGGTGACCTGGGGCTGGCTGCCCGTGTGGGGCCGCTGGCCGCTGCCACAGGGTCTCTGTGG
 GACTCCGAACCTCCAGGCTCCTGAAGTGGTGTCCCGAAATGGACTACTCGCCAAGTCTGACATCTGGGCC
 CTGGGGTGCAATTATGTACACGGTCTGACGGGCACGCCCCCTTCGCTGCCGCACCCCTGTCCGAGATGT
 ACCAAAACATCCGAGACGGTCACTACCTTGAGCCCACTCAGCTGTCAACCAGCGCCCGTAGCCTCATTGC
 ACGACTTCTGGCACCGGACCCTGATGAGCGGCCAGCCTGGACCCTTACTGCAAGATGACTTTTTTAGT
 CAGGGCTTACCCAGAGCGGCTGCCTCCACATTCCTGCCACAGCCACCCGTTTGCCTTCCCCCGC
 CACTGGGCAGGTTGTTCCGGAAGTGGGCCAACTCCTGCTGACCCAGTGGCGGCCCTGTCCCTTTAC
 CTCAAAGAGGCCCTCAGGCCCGGAGAAGAGAGTACAGAACCTGACCACATGGAGGCCAGCAACGAGGCA
 AGGGCTCCTCTCTGCAGTGAAGCCGAATCCACCTCCTCACTCTTGAACCCCTCGGACTGACCCGGCCG
 ATGCGAAGGGGACCTTGGCCCTGCAGCTGGAGGTGGCAACCAGAAAACCTGTGCCTCTGCTGGATGCAGG
 ACCTGTGGCTGGACAGGACCCCGGGGAGCAGCGCTCTGTCTCTGGGCTCCCAAGTGGGTGGATTAT
 TCCTCAAGTATGGCTTCGGTTACCAGCTGTGGATGGGGCAGTGGCGTCTGTTTCGGGATGGCTCCC
 ACATGGCCCTGCGCCCCCAGGAGGCCATGTCTCTACCAACCTGACCAAGGGACTCTGTGGATCTTCGC
 CCTGAGGGACGTCCCGGCCACTCCCGCCAAGCTGGCCGCTCTGAGGCTCTTTGCCTGTACATGCAG
 CGGCGTCTGCGGGAGGAGGGGACAGCACCCATGACGGCCACCCCGCTCTCCTGACTTCTGTCTGTGA
 GCTTACCCTGATGCCAAGCTCTGGCCATGCTTTAGCAATGGGACAGTGCAGGTGAGTCCAAAAC
 CTCCCCAGTCCAGCTGGTGTGAGTGGGAAGGGGAGGACTTTCTGCTCACCATCCAGGACCCAGGGGGA
 CCCAGCATGGGCACCTCCTACACGCTGGACGCTCTGCGGAGTACGGCATCAGCCTTGGGTCCGCCACC
 ACCTGCGCCTTGACTGCATCTGCTTCAAGTGT**C**TAA****

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM_001170557
- Insert Size:** 1788 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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:

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_001170557.1](#), [NP_001164028.1](#)

RefSeq Size: 2094 bp

RefSeq ORF: 1788 bp

Locus ID: 314627

Cytogenetics: 7q11