

Product datasheet for **RN217284**

Pik3r5 (NM_001191923) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pik3r5 (NM_001191923) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pik3r5
Synonyms:	RGD1563261
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN217284 representing NM_001191923
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCAGCCAGCAGCCACAACGTGCACAGAGACCGCATCCAGCAGCTCTGGAGAGATGCTTGCATGGAC
 TGAGCCTCGGACGCCGTTCTGCTCCCTGGTCAGCCGGGCTGTGTCTGAACTGCTGGAGCCTACAGGAGCT
 GGTGAGCAGGGACCCGGGCCACTTCCTCATCTCTGGAACAGATCCTGCAGAAGACCCAAGAGGTCCAA
 GAGAAGGGCACCTATGACCTCTCGCCCTCTGGCTCTGCTTTTATTCCACTGTCTCTGCACTCCAC
 ACTTCCCACCAGACTCAGACCTCTGCTGAAGGCAGCCAGCACCTACCACTGCTTCTGACTGGCCGGT
 TCCCTACTGCAGCATCTGCCGAGAGATGCTCACCTTCATCGATGCTGAGCTCAAGCCCCAGGAATCTCC
 TACCAGCGGCTGGTGAGGGCTGAACAGGGCCTGCCATCAGGAGCCACCGAAGTCCACTGCTACTGTGC
 TGTTGCTGAACCCGGTAGAGGTACAGGCTGAGTTCCTCGCTGTGGCAGACAAGCTGAGCACACCCGGGACA
 GTCACCCCATGGCGCCTACACCACCCTGCTCCTGCATGCCTTCCAGGCCACCTTTGGGACCCACTGTGAC
 CTTCTAAACTGCACCGCAAACCTCAGTCCAAGAGCTAGAAGAGCTCGAGGACATCTTCACTGAGACTA
 CAGAAGCCAGGAGCTGGCATCTGGCATTGGGGATGTAGCAGAGGCCCGTCAGTGGCTCCGGACCAAGCT
 GCAGGCAGTGGGAGAAAAAGCCGGCTTCCCGGGATCTTAGACTGCAAGCCCTGGGAACTCCACACG
 ATTCCCATCCCTGTCGCCAGATGCTACACTTACAGCTGGAATCAGGACAGCTTTGACATCCTACAGGAAG
 TCCTTCTCAAGGAGCAGGAGTTGCTGCAGCCAGGGATCCTGGGAGATGATGAAGAGGAGGAAGAGGAGGA
 CTTGGAGATTGACAGGCATATTGCTGAGAGGGACTCCCTGCTCTCCACAGGCTCTCTGGTGTCTCACGAC
 TCCGAAGCTGTTGCTTACCTCCTCAGGCCTCAGGACCAGTGTGTCCCAGGCTGCTGACCACCTTTG
 TCTCAGGCCTCTCGGATGGCATGGACAGTGGCTACGTTGAGGACAGTGAGGAAAGCTCCTCAGAGTGGCC
 CAAGAAGCCGGGAGCCAGCAGCCAGGGTACCAGGCTAGGCAGAAGTTCAACAGGTTCTATAAAA
 CTTTTAAAGAGCACCCAGCCAGTTGGTCTGAGGAGGGACTCTCGGAGTCTGGAATGCAGCCAGACCCAA
 CCCTGCCTCTGCGGCGGGCAGGGAGCCTCAGCAGCCCTTGACTTTCGACCCAGCTCCCTTCCAGGGC
 TCAGCGCTCACGGTCCCTACCCAGCCCAAGCTCAGCACCAACTACCCAGTGGCTTCTGGCACCACCC
 TCACACCACCAGCGCCGCGTCCCTTCTCAGCGGGATGAGGACCCCAAGGCTTCCACACTACGGGTTG
 TGGTCTTTGGCTCTGACCGGATCTCAGGAAAGGTGGCCCGGCCATAGCAAGCTCAGGCGGCTGGAGAA
 CAGTACCCGATCCTCACCGGTTCTTCAAGTTCAGTCTTCTACGTACCTGTGAAGAGAAGCCACGGA
 GCCAGCTCTAGTGCCTATCCTCTGAACCAGGCATCTCCACTCCTCCAGACTCCTGAAGCACC
 CCAGCCCTGCAGACCTTGCAAGGCCCATGGGAGGACAGTACCAATGACATCTCTCACTACCTCGGTAT
 GCTTGACCCTTGGTATGAACGCAATGTGTTGGGCCTATGCATCTGCCTCCTGAAGTCTGTGTCAGCAG
 TCCCTCAAGGCAGAATCTCGGCCCTGGAGGGCTCGGCCACCCAGCTGCCATCCTGGCCGATATGTTAC
 TCTACTACTGCCCTTTGCAGCCCGCCAGTGTGCTGCAGGTTTATCAGACAGAGCTGACCTTCGTAC
 CGGGGAGAAGACCACGGAGATCTTTATCCAGTCTCTGGAGCTGGGTCACCTCTGCGACCACTCGTGTATC
 AAGGCTTCAGGTCGGGAAGCAAAGGCTGGGCATTGGCGATGACCGGGAGGCCGTCCTTAACACTAC
 AGATTATTTACAGCAAGGGAGCCATCAGTGGGCGAAGCCGCTGGAGCAACCTAGAGAAGGCTGCACCTC
 TGTTAACCTCAGCAAGGCTGCCAGAAGCCGAGGAAGTCCAGCATGGAGGCGCTGACGCTAACCC
 CTGACAGAAGTGGTGAAGAGGCAGAACCCTAAATCCAAAAAGGGCTTTAACAGATCAGTACATCCTACA
 TCAAAGTGGACAAGGTGCAGATCATCAGCTCCAGCAGCTGCCCTTTGCTGTGTGCTAGACCAGGATGA
 GAGGAAGATCCTGCAGAGTGTGGTCAAGTGTCAACCCTGCTACAAGCCAGAGAAGAGCAGCCTG
 CCACCTGAGGGGTCCTCAGCCAACCAGCAGAGGCTGGTCTGACCTGTGCTCCCTTCTCTGCCTCCCA
 TCATGACTTTCAGTGGTCTCTGCC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001191923
Insert Size: 2619 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:	<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:	<u>NM_001191923.1, NP_001178852.1</u>
RefSeq Size:	3031 bp
RefSeq ORF:	2619 bp
Locus ID:	497931
Cytogenetics:	10q24