

Product datasheet for **RN210165**

Pogk (NM_001107194) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pogk (NM_001107194) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pogk
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN210165 representing NM_001107194
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCGGTACACAACCTCGTCGCCGTTGCGGCGACCCCGCTCGCCGGGAAATGGAGTCCCGAG
 CCTACCCTCTAAATTTGACCCTGAAAGAAGAGCAAAAAGAAGATGAGTTGAGATCCAGGAATTGGAGGA
 TGGTCCCGTAGAGATGCAGAAAGTGCAAACTCGCTCGGAAGGCACGTGGGTACCAGCCCTATTTGATGAG
 GTGGCCATATATTTTTCGGATGAGGAGTGGGAAGTTCTGACAGAGCAACAAAAGCCCTCTACCGGGAAG
 TCATGAGGATGAATTATGAGACTGTCTGTCCCTGGAATCCCATCCCCAAGCCAGATATGATCAATCG
 GTTGAAAGGGAAGAGGAGTGTCTGAATCTGATGAGTGGCGGCTCCAGGGAGTAACCTTTGCAGAAAAT
 GAAGAATCTGATTTTAGGACTCCAGATTGGGCCAACCCGATGAATGCCACCTCCCATTTCTCAACCTC
 AGCACTTCAACAGCTTTGGGCTGCGTCTGCCGAGGACATCACTGAAGTCCCTGAGTGGAGTGGGGGTA
 CCCCTTCTATATGGCCATGGGCTCCCTGGGTATGACCTCTCAGCTGACGACTTGCCGAGCAAGTTTCAG
 TTCAGTCGCGGCATGCGCCGAGTTACGATGCGGGGTTCAAGCTGATGGTGGTGGAGCACGCTGAGAGTA
 CCAACAACGTGTCAGGCTGCCAAGCAGTTCGGGGTGTGGAAAAGAATGTCGAGACTGGCGCAAAGTGAA
 GCCACAGCTCCAAAACGCCCATGCCATGCGGCGGGCATTCCGAGGCCCAAGAATGGAAGATTTGCTCTG
 GTAGACCAGCGGGTGGCTGAGTATGTCAGATACATGCAGGCCAAAGGGGACCCCATCACCAGGGAGGCAA
 TGCAGTTGAAAGCTTTGAAATCGCCAGGAAATGAACATCCAGAGAAAGGGTTCAAGGCAAGTCTGGG
 CTGGTGTGCGGAGGATGATGAGAAGGTATGACCTATCCCTGAGGCATAAAGTCCAGTTCCTCAGCACCTG
 GCCGAGGACCTGACTGAGAAGCTCGTCACTTACCAGCAGAGTGTGCTTGCCTGCGCCGGACACACGACT
 ATGAGGTGGCACAGATGGCAATGCAGATGAAACACCCATCTGCTTAGAAGTGCCCTCTAGAGTACTGT
 TGACAACCAGGGTGAAAAGCCCATCCTGGTCAAGACACCAGGCAGGGAGAACTGAGGATCACAGCCATG
 CTGGGGGTCTTGCTGATGGGAGGAAGTTACCACCATACATCATCTTGAGGGGGACATATATCCCCCTG
 GGAAGTTTCCAGTGGCATGGAATCCGCTGCCACCGCTATGGATGGATGACTGAGGACTTGATGCAAGA
 CTGTTTGGAAAGTTGTGTGGAGACGGGAACTGGAGCTGTACCCAAACAACGAGGGATGCTGATCCTGAAT
 GGCTTCCGGTGCCATGCCACCGACTCTGTGAAGACTTCCATGGAGAGTATGAACACAGACATGGTGATTA
 TCCCGGGGGCCCTGACCTCCCAGCTGCAGGTGCTGGATGTGGTTGTCTACAAGCCACTGAATGACAGTGT
 TCGGGCCAGTATCCAAGTGGCTTCTGGCTGGGAACCTGGCACTGAGCCCACTGGAAATGCTAAGAAG
 CCACCGCTGGGCCTTCTCTGGAGTGGATCATGGTTGCGTGGAAATAGTATCTCAAGTGAATCAATTTGCC
 AGGGGTTTCAGAAAGTGCCACATCTCTAGCAACTTAGAGGAAGAAGGTGATGTCCTCTGGAAATCGAGGG
 CGAGTTGCCCAAAGAACGTGGTCAAGGTGTGGCTGAGGATGACT**GA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001107194
- Insert Size:** 1869 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:

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_001107194.2](#), [NP_001100664.2](#)

RefSeq Size: 6927 bp

RefSeq ORF: 1869 bp

Locus ID: 304941

Cytogenetics: 13q23