

Product datasheet for **RN211741**

Adpgk (NM_001100723) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Adpgk (NM_001100723) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Adpgk
Synonyms:	RGD1306103
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN211741 representing NM_001100723
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGCTGTGGCGCGGCTCTGCGTGCGCCGGCTTCTGGCGCTGGCCGTGGGCTGCGTGTTTCTGCTGG
 AGCCGGAGCTGCCGGGCACAGCGCTACGCTCGCTCTGGAGCTCGCTGAGGCTGGGGCCCGGCCAGTGCC
 CCCGGGATCTCTGTCCCCAGAGACCGGCTGGCGGCCGCTTGGGATGCCCTCATCGTGCAGCCCGCCCGG
 CGCTGGCGCCGCGTGGCTGTGGGAGTCAATGCCTGTGTGGATGTGGTCACTCTGGCGTGAAGCTCCTGC
 AGGCACCTCGGCCAAGTCTGGGAGTGGAAAGACCATGCTGTTCTACACTCAAGAAGTGATCTGGAAGA
 AGCCTTTGTCCACTTCATGGGGAAGGGAGCTGCTGCTGAACGCTTCTTCAGTGATAGAGAGACCTTTCAT
 GACATTGCCAGGCTGCATCTGAGTTCAGGAGCCAGCACTATGTAGGAGGAAATGCCGCTTAAATTG
 GACAGAAGTTTGCTGCCAACCCAGACTTAAAGGTTCTTCTTTGTGGTCCAATTGGCCAAAGCTACATGA
 ACTTCTTGATGACAATGTGTTTGTCCGCCAGAGTCACTGCAGGAAGAGGATGAGTTCACCTTATTTTA
 GAGTACCTGGCAGGGGAGGAGTGGGGCCGCTTAAAGCTCCCCAGGCCAACCGGTTTCATCTCTCTCAGG
 ACCTCTCCAACGGGGCCATGAATATGCTGGAGGTGTTTGTGTCTAGCCTGGAGGAGTTCACGCTGACCT
 GGTGGTCTTTCTGGATTGCACATGATGGAGGGACAAAGCAAGGAGCTCCAGAGGAAGAGGCTCTTGGAG
 GTTGTGACCTCCATCTCTGACATCCCCACTGGTATTCCAGTTCACCTAGAGCTGGCCAGTATGACCAACA
 GGGAGCTCATGAGCAGTATTGTGCATCAGCAGGTCTTCCCGCAGTGGCTTCTCTGGGCTGAATGAACA
 GGAGCTGCTGTTTCTCAGCCAGTCAGCATCTGGACCCATGCTTCTCTCTCTCTCTGGGATGGCGTTCCT
 GATGTGGGCATGGTCAGTGATATCCTCTTCTGGATCTTAAAGAACATGGAAGGAGCAAAAGCAGATCGT
 CAGATCTCACAGGATCCATTTCCACAGCTGGTCTACCACATTCTGGCAACTGTGGACGGACACTGGGC
 CAACCAGCTCGCAGCTGTAGCTGCAGGAGCTCGTGTAGCTGGGACACAAGCCTGTGCCACGGAAACCATA
 GACACCAACCGAGTATCTCTGAGAGCACCTCAGGAGTTTATGACATCCCGTTTGGAGCCCGCTCCAGGA
 TTGTATTAACCCAAATAAGCCAGTGGTGGAGTGGCACAGGGAGGGGGTCACTTTCACCTTCACACCCGT
 GTTGGTGTGTAAGACCCTGTTGCAACTGTAGGCCTTGGTGTGATGCCATTCTGCTGAAGGCCTCTTCTAT
 TCAGAAGCATACCCTGAT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001100723

Insert Size: 1491 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_001100723.1](#), [NP_001094193.1](#)

RefSeq Size: 2579 bp

RefSeq ORF: 1491 bp

Locus ID: 315722

Cytogenetics: 8q24