

Product datasheet for **RN209049**

Phkg2 (NM_080584) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Phkg2 (NM_080584) Rat Untagged Clone
Tag: Tag Free
Symbol: Phkg2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN209049 representing NM_080584
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACGTTGGACGTGGGGCCAGAGGATGAACTCCAGACTGGGCTGCGGCCAAAGAGTTTTACCAGAAGT
ATGACCCCAAGGACATCATTGGCAGAGGAGTGAGCTCTGTGTCGCGCGTGTGCCATCGAGCTACTGG
TGATGAGTTTGCAGTGAAGATCATGGAGGTGTCAGCTGAACGGCTGAGTCTTGAGCAGCTGGAGGAGTG
CGGGATGCCACACGGCGAGAGATGCACATCCTTCGCCAGGTCGCTGGCCACCCCCACATCATCACTCTCA
TCGATTCTACGAGTCTTCTAGTTCATGTTCTGTTGACCTGATGCGGAAAGGAGAGCTGTTTTGA
CTATCTCACAGAGAAAGTGGCCCTCTCAGAAAAGGAAACCAGGTCCATTATGAGGTCTCTGCTGGAGGCG
GTGAACTTTCTTCATGTCAACAACATTGTACATCGAGACCTGAAGCCTGAGAATATCCTCCTAGATGACA
ATATGCAGATCCGCCTTTCAGATTTTGGGTTCTCCTGCCATTTGGAACCTGGCGAGAAGCTTCGAGAGCT
GTGTGGGACTCCGGGATATCTAGCACCAGAGATCCTTAAATGCTCCATGGATGAAACCCACCCAGGCTAC
GGCAAGGAAGTCGACCTCTGGGCTTGTGGGTAATCCTGTTACACTTCTGGCTGGCTCGCCACCATCT
GGCATCGACGCCAAATCCTGATGCTACGCATGATCATGGAAGGCCAATATCAGTTTAGTTACCCGAGTG
GGATGATCGTTCAAACACCGTCAAAGACCTGATCGCAAAGCTGCTGCAGGTGGATCCTAACGCACGCTTG
ACCGCTGAGCAAGCCCTACAGCACCCCTTCTTTGAGCGCTGTAAGGCGAGCCAGCCCTGGAACTCACAC
CTCGCCAGCGGTTCCGGGTGGCAGTGTGGACAATACTGGCTGCTGGACGAGTAGCCTTAAGCAGTACCCG
TTTACGGCCACTAACTAAGAATGCACTCTTGAGAGACCCCTATGCACTGCGGCCAGTACGGCGCCTCATT
GACAACTGTGCCTTCCGGCTCTATGGACTGGGTGAAGAAGGGGGAGCAGCAGAACCAGGGCGCCCTCT
TCCAGCACCAGCCTCCTAGGCCCTTCCCATCATTGCCACTGACCTGGAAGGAGACTCCAGTGCTATCAC
AGAGGATGAAGTTACCTTGGTACGGAGCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_080584
Insert Size:	1221 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_080584.4 , NP_542151.1
RefSeq Size:	1836 bp
RefSeq ORF:	1221 bp
Locus ID:	140671
UniProt ID:	P31325
Cytogenetics:	1q37
Gene Summary:	phosphorylase kinase catalytic subunit isoform; catalyzes the phosphorylation and activation of glycogen phosphorylase [RGD, Feb 2006]