

Product datasheet for **RN207349**

Phkg1 (NM_031573) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Phkg1 (NM_031573) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Phkg1
Synonyms:	Phkg; PHKIN01
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN207349 representing NM_031573 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACCCGGGATGAGGCCCTCCCTGACTCTCATTCTGCACAGAATTTCTATGAGAACTACGAGCCCAAGG
AGATCCTGGGCAGGGGAGTCAGCAGCGTGGTCAGGAGATGCATTCACAAACCTACGTGCCAAGAATACGC
AGTAAAAATCATCGACATCACCGCGGGAGGAAGCTTTAGCTCCGAGGAGGTACAGGAGCTTCGGGAAGCC
ACCTGAAGGAGGTGGACATTCTGCAGAAGGTCTCAGGACACCCCAACATCATACAGCTGAAGGACTT
ACGAGACCAACACTTTTCTTCTTGGTATTTGATCTGATGAAGAGAGGGGAACCTTTGACTATCTCAC
AGAGAAGGTCACCTTGACTGAGAAGGAAACCAGAAAGATCATGCGGGCCCTGCTGGAGGTGGTCTGCACC
TTGCACAAACTCAACATTGTCCATCGGGACCTGAAGCCGAGAGAACATCCTTCTGGATGACAACATGAACA
TCAAGCTCACTGACTTCGGGTTTTCTGCCAGCTGCAGCCAGGAGAGAAGCTCCGAGAGGTTTGTGGGAC
TCCCAGTTATCTGGCCCCGAAATCATCCAGTGTCCATGGACGAAGGCCATCCTGGCTATGAAAGGAG
GTGGACATGTGGAGCACAGGAGTCATCATGTATACGCTGCTGGCTGGCTCCCCGCCCTTCTGGCACCCGA
AGCAAATGCTAATGTTGAGGATGATCATGGATGGCAAATACCAGTTCGGCTCACCAGAGTGGGATGACTA
CTCAGATACCGTGAAAGACTTGGTATCTCGCTTCTTGGTGGTGAACCCAGGACCGCTGCTCGGCGGAA
GAGGCCTTGGCGCATCCTTTCTTCCAGGAGTACGTGGTGAAGAGGTGCGGCACCTTCAGCCCTCGAGGGA
AGTTCAAGGTCATCTGTCTAACTGTGCTGGCCTCGGTAAGGATCTACTACCAGTACCGTCCGGTGAAGCC
GGTAACCAGGGAGATCGTCATCCGAGACCCCTACGCCCTACGGCCATTGCGCAGACTCATCGACGCCAT
GCTTCCGCATCTACGGCCACTGGTGAAGAAAGGGCAACAGCAGAACAGAGCTGCCCTCTTCGAGAACA
CGCCAAGGCAGTCTCTCTCTTGGCTGAGGAGGAGGACTT**CTGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_031573
Insert Size:	1167 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:	<u>NM_031573.1</u> , <u>NP_113761.1</u>
RefSeq Size:	1388 bp
RefSeq ORF:	1167 bp
Locus ID:	29353
UniProt ID:	<u>P13286</u>
Cytogenetics:	12q13
Gene Summary:	catalytic subunit of phosphorylase kinase complex; plays a role in glycogen metabolism [RGD, Feb 2006]