

Product datasheet for RN202189

Phkb (NM_001014152) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Phkb (NM_001014152) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Phkb
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN202189 representing NM_001014152 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCGGGGGAAGAGGGACTCATGTCTGAAGTAACTGGAAGCTCTTGGAAACGACGAGCCCGGGCCAAGC
GCTCAGGCTCAGTTTATGAACCTCTTAAAAGCATTAACTTCCAAGACCTGATAATGAAACTCTATGGGA
TAAGTTGGATCATTATTACAGAATTGTCAAGTCAACGATGCTGACATATCAAAGCCCAACTACAGGTCTC
TTTCTACTAAAACCTTGTGGTGGAGATCAGAAGTCCAAAGTGCATGAGAGCCTGTACTGTCTGCGGGTG
CTTGGGCTTGGCTCTGGCGTACAGGCGCATTGATGATGACAAGGAAAGGACCCATGAGCTGGAGCACTC
GGCCATAAAGTGTATGAGAGGAGTTCTCTACTGCTACATGCGGCAGGCTGATAAGGTCCAGCAGTTCAAG
CAGGATCCCCGGCCACGACGTGTCTACTCTGTCTTCAATGTGCACACTGGGGATGAAGTGTCTCTCT
ATGAAGAATATGGCCATCTTACAGATAAATGCAGTCTCACTCTTTCTCTTTACCTGGTGGAAATGATTT
CTCAGGCTCCAGATAATCTATAACACGGATGAGGTCTCTTTTATTCAAACCTTGTGTTTTGTGTAGAG
AGAGTTTACCGTGTCCCGACTTCGGTGTCTGGGAAAGAGGAAGCAAATAACAACGGCAGCACAGAAC
TGCACTCGAGCTCTGTTGGTTTGGCAAAAGCAGCCTTAGAAGCGATTAATGGATTTAACCTTTTGGAAA
CCAGGGCTGTTCTTGGTCAAGTATATTCGTGGATCTCGATGCTCAACACCGCAACAGGCAGACGTTGTGT
TCACTGTTACCCAGAGAATCACGCTCTCATAACACAGATGCTGCCCTGCTCCCGTGCATACCTACCCCC
CCTTTGCCCTGGACGATGAAGCTCTGTTAGCCAGACACTCGATAAAGTGATAAGAAAATTTAAAGGGAA
ATATGGATTTAAGCGTTTCTTGGCAGATGGGTACAGAACGCCCTGGAAGACCCCAACAGACGCTACTAC
AAACCAGCGGAGATTAAGCTGTTTATGATGGCATCGAATGTGAATTTCCCATATTCTTCTTACCTGATGA
TCGATGGTGTGTTTAGAGGCAATCTTGAACAAGTCAAGGAATATCAGGACCTGTTGACACCTTTGCTTCA
CCAGACCACAGAAGGATATCCTGTTGTACCAAAGTACTATTATGTGCCAGCTGACTTTGTAGAATATGAA
AAAAGAAACCCCTGGTAGTCAGAAGCGGTTTCTAGTAACTGTGGCCGTGATGGGAAATGTTTCTTTGGG
GACAAGCTCTTTATATCATTGCAAAACCTCCTAGCTGATGAGTTAATCAGTCTAAAGACATTGACCCCGT
CCATCGCTTTGTCCCACTTCAAGATCAACGTAACGTGAGCATGAGATTCTCTAATCAGGGCCCACTGGAA
AATGACTTGGTGGTTTATGTGGCACTTGTAGCAGAAAGCCAACGCCTTCAGGTCTTCTCAATACTTACG
GGATTCAGACTCAAACGCCCCAGCAGGTGGAGCCTATTAGATCTGGCCTCAGCAGGAGCTCGTAAAGC
TTATTTCCACCTGGGTATCAATGAAAAGTTGGGCTGTCTGGAAGGCCAGATAGGCCATTGGCTGCCTT



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GGTACTTCAAAGATTTACCGCATCTAGGAAGGACCGTGGTTTGTACCCTATCATCTTCGACCTCAGTG
 ATTTCTACATGTCTCAGGACGTTCTCTGCTCATAGATGACATAAAGAATGCACTACAGTTCATTAAGCA
 GTATTGAAAAATGCATGGACGCCACTTTTTCTTGTTCATCCGGGAAGACAACATAAGAGGTAGCAGA
 TTCAACCCCATATTAGACATGCTGGCAGCCTTTAAAAAGGGGATAATTGGAGGAGTCAAAGTTCATGTTG
 ACCGTTTACAGACATTGATATCTGGAGCTGTAGTAGAACAGCTTGACTTCTGCGGATTAGCGACACAGA
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 CCCACGAAATCCTTCAGAAGCTTAATGACTGCGGTTGTCTGGCTGGCCAAACCATCTGCTGGGTATACT
 GCTCAAAAAGAGAGGGCCCTAACTTCATCACGATGGAAGGAACTGTGTCTGATCACATTGAGAGGGTGTAC
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 ACAGCCTGGCCCCATCCATTACTAATGTTTTAGTGCAGGGCAAACAGGTAACCCTAGGTGCCTTTGGACA
 CGAAGAGGAGGTCATCTAATCCACTATCTCCAAGAGTGATTAAGAACATCATCTATTATAAGTGAAC
 ACCCATGATGAGAGGGAGGCTGTCATTCAGCAAGAGCTGGTCATCCATATTGGCTGGATCATCTCCAACA
 ACCCCGAGCTGTTCAAGTGGCATGCTGAAAATCAGAATTGGGTGGATCATCCATGCCATGGAGTACGAACT
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 TGAATAGAACACCCCCAGGATTCTACGACCCGCTGTGGCAGATCCTGGAGCGCACACCTAATGGTATCGT
 TGTAGCTGGCAAGCATTGGCCACAGCAACCAACCTTGTGAGATATGACCATGTATGAGATGAATTTTTCT
 CTCCTTGTGAAGATATGTTGGGAAACATTGACCAGCCAAAGTATAGACAGATCATTGTAGAGTTACTAA
 TGGTTGTATCCATTGTGCTGGAAGAAATCCTGAGCTAGAATTTCAAGACAAAGTGGATCTGGACAACT
 GGTCAAAGAAGCGTTTCATGAGTTTCAAAGATGAGAGCCGGCTAAAAGAAATCGAAAAGCAAGTAAGT
 GGAGAGGCCCGTGTCCCACAGAACGCTTTCATTGTTTCCACTGTTGAAATCCTCTCTAATCTTCCCACTT
 TCCAGACAGATGGACAGAGCACAAAAGAGGATGCTCTACAAGCAGTCAGGCTTACTGAGGAATTAATATT
 GCTTTTTAGCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001014152
- Insert Size:** 3303 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_001014152.1](#), [NP_001014174.1](#)
- RefSeq Size:** 3630 bp

RefSeq ORF: 3303 bp

Locus ID: 361377

Cytogenetics: 19p11

Gene Summary: expression in regenerating muscle may be correlated with that of other phosphorylase kinase subunits [RGD, Feb 2006]