

Product datasheet for RN217557

Phka2 (NM_001190994) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Phka2 (NM_001190994) Rat Untagged Clone
Tag: Tag Free
Symbol: Phka2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN217557 representing NM_001190994
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGGATCGCC

ATGCGGAGCAGGAGCAATTCTGGGGTCCGCCTGGACGGGTACGCGAGGCTGGTGCAGCAAACCATCTGT
 GTTACCAGAACCAGTCACTGGGCTGTTATCAGCTAGCCATGACCAGAAGGATGCCTGGGTACGGGACAA
 CATCTATAGCATACTGGCTGTTGGGGCTGGGCATGGCGTACCGTAAGAATGCTACCGTGATGAGGAT
 AAAGCCAAGGCCTATGAATTGGAACAGAACGTAGTGAAGCTGATGCGAGGTCTTCCAGGTGATATGTA
 GGCAGGTGGATAAAGTGGAGAAGTTCAAGCATACTCAGAGTACCAAGGACAGTCTACATGCCAAGTACAA
 CACTGCCACATGCAGCACTGTGGTGGGTGATGACCAGTGGGGCCACCTCCAGGTGGATGCCACCTCCCTC
 TTCCTCTGTTCTGGCCAGATGACTGCCTCAGGTTTGCATATTATTTTACCCTCGACGAAGTGGCCT
 TCATACAGAATCTGTCTTCTACATAGAGGCTGCATATAAAGTTGCTGATTATGGAATGTGGAACTGG
 AGATAAGACCAATCAGGGCATTCCAGAATTGAATGCAAGCTCAGTGGGAATGGCCAAGGCAGCACTCGAA
 GCAATTGATGAAGTAGATCTTTTGGAGCCATGGAGGACGAAATCGGTGATCCATGTCCTGCCTGACG
 AAGTTGAGCACTGCCAGTCAATTCTTTTCTCCATGTTGCCGAGAGCATCAACATCTAAAGAAATCGATGC
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 AATGAAATTTATTTCCAAGCTTCAGGGCGTTACGGATGCTGTGCTTCTTCCGGGATGGTTATAAAACCC
 CAAGAGAGGACCCACACCGATTGCATTATGACCCTGCTGAACTTAAGCTTTTGAACAAATTGAATGTGA
 ATGGCCTGTGTTCTGGACTTATTTAATCATAGATGGAGTCTTCAATGGTGTGCTGTTCCAGTCCAGGAA
 TACCGAGAAGCCCTGGAAGGAATATTAATCAGAGGCAAAGATGGGATCCACTTGGTGCCAGAGCTCATG
 CCATCCCACCAGACAAGGTGGATGAAGAGTATAAGAATCCACACACAGTAGACCGAATCCACTGGGGAA
 GCTGCCCATCTTTGGGACAGTCTTTGATATCTCAGCTCACTGCTAGCCGAGGGTTTCTTGGCACT
 GGTGAAATTGATCCGTTAAATAGAAGATTTTCTACTTCACTCAACCTGATGTTGTAGTCCAAGTTGCTG
 TTTTGGCAGAAAACAGTCACATTAAGGGGCTCTTGAAGCAACATGGAATAAATGTCCAGAGCATTGCTGA
 TGTGCATCCAATTCGAGTCCAGCCAGGCCGGATTCTTAGTCACATATATGCCAAATTGGGACAAAATAAG
 AATATGAAATTGAGTGGTCGACCATATCGGCACATCGGGTCTTGGCACCTCTAAACTCTATGTGATTA
 GGAATCACATCTTCACTTTACACCCAGTTCAGTACCAGCATCACTTCTACCTGGCCCTGGACAACGA
 GATGATTGTGGAGATGCTGAGGATCGAACTGGCCTATCTGTGCACCTGCTGGCGGATGACTGGCCGCCC



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ACTCTCACCTTCCTGTACACACACCATGCTCACAATGATGGCTCAGACATTCATCCTGCAGTCTTT
 CTAACAATTAGAAAAGTGGAGATGGCTATTTTGGAGGTGCTAGAGTAAAAGTGGAACTCCTGGCAGAGTT
 CCTTACTACCTCATTCTACACATACCTGACCTTCTGGATCCAGACTGTGATGAGAAGTTGTTTGGTGAC
 ATCAGTGATAGGAGCTTTAGTCTGACAGTGAGTCAGACCTGGGAGGATACCTTGAAGACAGCAGTCATC
 AAGAAAGCCAAGATGAACCTGACCAGTATATCAGTCACCTTCTCAAAGCACATCCTTGAAGTGTACCT
 GCCCCTCTTTGTAAGAAGTCAGAAGACAGCCATGTTTTTCAGTGCTGCCACTCCACTGGGACATACTT
 TCTGTGATGGCCAAAGCAAAGGGTTTGGAACTCCATTTTTTCCCATGATTTTGCCAAGTACAGATCTTAA
 GTGGACACCGTAAGTCACTGAATCTTGTGACTCCCTCAGCCATTCCTAAAGAAGACTCCTGAATATGA
 CTACCAGTGGCCAGAGATGACCAGGATGAAGTGGACTGTGAGAAGCTAGTTGGGCAACTGAAAGACTGC
 TCAAACCTACAGGACCAAGCAGACATTCTGTACATTCTTTATGTAATAAAGGGTCCCGCTGGGATACCA
 ATTTGTTTGGACAGCATGGAGTCACTGTTACAGTCTTCTCGGCGAGCTTTATGGAAAAGCTGGCCTGAA
 CCAAGAATGGAGTTTGATTGCTACATTTAGGCCTGCTCAGGAAGAAAGTGGAGGTCTGGCTGAGGCC
 TGTGCAGATCTGCTGTCCACCAGAAGCAGCTTACAGTGGCCTGCCCTGAGCCCCGGGAGAAGACCA
 TATCTACGCTCTCCCCAGAGGAGCTCACAGAACTCATATACGAAGCCAGTGGACAGGACATCAGCAT
 TGCTGTCTCACACAGGAGATCGTGGTTACCTGGCCATGTATGTCCGGGCCAGCTAGCCTCTTTGCA
 GAGATGCTCAGACTCCGATTGGATTGATCATCCAGGTGATGGCCACAGAGCTGGCTCGGAGCCTGAACT
 GCTCAGGGGAAGAAGCTTCAGAGAGCTTGATGAACCTCAGCCCTTTCGACATGAAGAGCCTTCTGCATCA
 TATACTGAGTGGGAAGGAGTTCCGGCTAGAGAGAAGTGTGCGCCCAATACACTCCTCCATGTCCAGCCCT
 GCCATCTCCATCCATGAGGTGGGTCACTGGAGTCACCAAACTGAGAGGAGTGGTATCAGCAGACTGA
 GGAGTGAGATGAAACAGATGAATAGGCGAGCTAGTGTGATGAGCAGTCTTTCCACTGGGCAAGCTGT
 GCCCAAACGTTTACATTCATCAAGTCTGCAAGTCCAGCACACCGTCTCCCCGACAGGCACATCATCT
 ACAGACTCTGGAGACACCACCTGGGCTGGGAGAACAGCAGGGCCAGTGGCTGCGCAGGAGAAGATTGG
 ATGGGGCTATCAACAGGGTCCCTGTGGATTCTACCAGAGAGTGTGGAAGATCCTTCAGAAGTGCCATGG
 TCTATCCATCGACGGTTATGTCCTCCCATCTCAACAACCAAGAGATGACCCCTTGTGAGATCAAGTTC
 GCTGTCCATGTGGAATCAGTGCTCAACCGTGTGTCCAGCCGAGTATCGGCAGCTACTGGTAGAAGCCA
 TCATGGTACTGACTGCTCTCAGATACGAAATGGACAGTATCGGGGGCATCATCCATGTGGACCAGAT
 AGTGCAGCTAGCCAATCAGCTGTTCTGCAGGACCAGGTGTATTTGGAACCACAGATATCTGGAAAAA
 GACCAAGCCACAGGAATTTGCCACCTCTTTATGACAGTGCTCCAGTGGGGCTTATGGCACAATGACCT
 ACCTAACGAAAGCAGTAGCTTCTCATTTGCAGGACCTGTGCCAGTTCAGGCTGCCAGATGCAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001190994
- Insert Size:** 3708 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001190994.1, NP_001177923.1

RefSeq Size: 3738 bp

RefSeq ORF: 3708 bp

Locus ID: 678739

Cytogenetics: Xq14