

Product datasheet for **MC202030**

Phka2 (NM_172783) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Phka2 (NM_172783) Mouse Untagged Clone
Tag: Tag Free
Symbol: Phka2
Synonyms: 6330505C01Rik; D330034O08; Phk
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC050040 sequence for NM_172783
 GCGTGAGGGGTGGCCTCCGTACCCCGGGGCCGACCGAAGGACTCTGCTCCTTTAGCCTCAGCCGCGG
 TTGGAAGCAGGTTGAGGACCAGGTCAGCTTGAGGCGGCAACTTTGGCGGACACCAGCGGCAGGTCAG
 CTCCGTGGCCCATGAGCTTGGGCGAGATGCGGAGCAGGACCAATTCTGGGGTCCGCTGGACGGGTACGC
 GAGGCTGGTGCAGCAAACCATCCTGTGTTACCAGAACCCAGTCACTGGGCTGTTATCAGCCAGCCATGAC
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 CACTTCTACCTGGCCCTGGACAATGAGATGATTGTGGAGATGCTGAGGATCGAACTTGCCTATCTGTGCA



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CCTGCTGGCGGATGACCGGCCGACCCACTCTCACCTTCCCTGTCACGCATACCATGCTCACAATGATGG
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TAGTGGGGCTTATGGTACAATGACCTACCTAACAAAAGCGGTGCTTCTCATTTCAGGAACTGCTGCC
AGTTCAGGCTGCCAGATGCAGTAGGGCCTTACCATAAACATGTCCACCCTCTGAAAAAAAAAAAAAAAAA AAAAAA

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- Restriction Sites:** RsrII-NotI
- ACCN:** NM_172783
- Insert Size:** 3723 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:	<u>BC050040</u> , <u>AAH50040</u>
RefSeq Size:	3926 bp
RefSeq ORF:	3723 bp
Locus ID:	110094
UniProt ID:	<u>Q8BWJ3</u>
Cytogenetics:	X 73.95 cM
Gene Summary:	Phosphorylase b kinase catalyzes the phosphorylation of serine in certain substrates, including troponin I. The alpha chain may bind calmodulin.[UniProtKB/Swiss-Prot Function]