

Product datasheet for **RN200493**

Pkib (NM_001076553) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pkib (NM_001076553) Rat Untagged Clone
Tag: Tag Free
Symbol: Pkib
Synonyms: PKINH; Prkacn2; RATPKINH
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN200493 representing NM_001076553
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGATGTGCACCCTGATGCCCTGGGGTCAAAGAAAACAGTGGAGAACGGCATGGGAGGCGGCAGCC
CAGGAGCCAGCAAGACTCTGTGATGAGGACAGATTCATCGGAGATGACTGATGTGGAATCTGTAATCAG
CAGCTTCGGTCTTCAGCAAGGGCGGGCCGCCGCAATGCCTTACCGACATCCAGAGTTCCTACTGGCTACA
GGTGGATCCCCTGATCTTGCACTGAAGCTGGAGGCATTGGCTGTGAAGGAAGATGCAAAAATGAAGAATG
AAGAGAAAAGACCAAGGCCAACCGAAAAAGCCCCTAGACGAAGACAAATAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001076553
Insert Size: 330 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_001076553.2](#), [NP_001070021.1](#)

RefSeq Size: 1520 bp

RefSeq ORF: 330 bp

Locus ID: 24678

Cytogenetics: 20q12

Gene Summary: displays strong inhibition of the activity of cAMP-dependent protein kinase [RGD, Feb 2006]
Transcript Variant: This variant (1) encodes the longer isoform (1).