

Product datasheet for MC201822

Pkig (NM_011106) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pkig (NM_011106) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pkig
Synonyms:	PKIgamma
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC026550 sequence for NM_011106 <pre> CCCACGCGTCCGCGGACGCGTGGGCGGACGCGTGGGGGGCGCCAGGCGGCCCCGGGGAGGCGCTCGCGCC GGCGGCCGGGGCTCTACGAGGCGACAAGGCGGCAGACTTTCTGCACTGGCTAATCAAGAGTGAAAAACCT GAAGAGATGCAGGCAGGAAAACGGAATTAACCTAGGCCTGAGGAGCGATGAGACAGGCATGATGGAAGTC GAGTCCTCCTACTCGGACTTCATCTCCTGCGACCGGACAGGCCGTCGGAATGCAGTCCCTGACATCCAGG GTGACTCGGAGGCCGTGAGTGTGCGGAAGCTCGCTGGAGACATGGGCGAGCTCGCACTTGAGGGAGCAGA AGGACAGGCAGAGGGAAGTACCCCGACAAGGAAGCCAGCAGCCAGCCTGAGAGCAGTGATGCGAACACC TCATCCTGAGTCTGCCTGTGGTCGCAAGGCTGGAAGAGACCTGCTGTACCTCTCGGACTGGAGCCCTGGC CAGCCAGGCGGACTGAGAGCCTCATGGAGTCTCTGTGGCCCCCACTCCAGCCAAGTCTCCACCCACAG CACAGGCTCCACCCTTCCCCACCTCCCCACGGTGCCAGGTTCACTCTGAAGACACCAGCACCATGAGAT GTTATTTATTTCAGCTAGGCGGGGCTCGAGCCAGGCCCTGCCCTAGGTGAGCAGCCGCCACCTGGACAGG GACTGTCCTGTCACCACTCACCTCCAGCCAGCCTGTCTGTCTCAGGAAGATCTTCTAGCCCTTTTTTAAA GCCTCTTTTACATTTTTTAAAAACATACTTTTTTCAGAGAGAGAGGGGAGCTGACAATCACTTTTCTTCT GTTTTGGTTTTTGGTTTTTGGTTTTTGGTTTTTAAAGCCGTTTAAAGCTCAGTTCTGATGATCTATGCAGCT CTAAGTTTCTCATGGAGCCTCAGATCCAGTTTTGGGAAAGGATTTGGACTCAAACTAACTGACCAA TTCTTTGCCCTTTGTACCAAGAGACTGATACTTAGGCCAGGAAATAAATGCTGGTGGTTTGTAAAAAA AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA </pre>

Restriction Sites: RsrII-NotI

ACCN: NM_011106

Insert Size: 231 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).


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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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	BC026550 , AAH26550
RefSeq Size:	1087 bp
RefSeq ORF:	231 bp
Locus ID:	18769
UniProt ID:	O70139
Cytogenetics:	2 84.4 cM
Gene Summary:	Extremely potent competitive inhibitor of cAMP-dependent protein kinase activity, this protein interacts with the catalytic subunit of the enzyme after the cAMP-induced dissociation of its regulatory chains.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents use of an alternate promoter and 5' UTR, compared to variant 4. Variants 1, 2, 3, 4, and 5 encode the same isoform (1).