

Product datasheet for RN213049

Prkar2a (NM_019264) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Prkar2a (NM_019264) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Prkar2a
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN213049 representing NM_019264
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAGCCACATCCAGATCCCACCGGGGCTCACGGAGCTGCTGCAGGGCTACACCGTGGAGGTGCTTCGGC
 AGCAGCCGCCGACCTCGTCGACTTCGCGGTGGAGTACTTCACACGCCTGCGCGAGGCCCGCCAGGA
 ATCAGACTCGTTCATCGCCCCCGACGACCTTTCACGCGCAGGAGTCCAGCGGGTCCCGTTCATCGAG
 GAGGACGGGGAGAGTGAATCGGACTCGGACGATGAGGATCTGGAAGTTCGATTCCAGCAAATTTACTA
 GACGAGTATCAGTCTGTGCAGAAACGTTTAAACCTGATGAAGAAGAAGATAATGATCCAAGGGTGGTTCA
 CCCCCAAACCGACGAGCAGAGGTACAGACTTCAGGAAGCCTGTAAGACATTCTGCTTTTCAAAACCTG
 GATCAGGAACAGCTTTCTCAAGTCTGGACGCCATGTTTGAAAAGATAGTCAAACTGACGAGCATGTCA
 TTGACCAAGGAGATGATGGAGACAACCTTTATGTCATAGAAAGGGGAACCTATGACATTTTAGTAACAAA
 AGATAATCAAACACGATCTGTTGGTCAGTATGACAACCGTGGCAGTTTTGGAGAAGTCCCTGATGAC
 AATACCCCGAGAGCTGCTACCATTGTGGCCACCTCAGACGGCTCCCTTTGGGGATTGGACCGGGTGACTT
 TTAGGAGAATCATAGTGAAGAACAATGCAAAGAAGAGGAAGATGTTTGAATCGTTTATTGAGTCTGTACC
 GCTCTTTAAATCACTAGAGATGTGAGAACAATGAAGATTGTGGATGTGATCGGGGAAAAGATCTATAAG
 GATGGAGAGCGAATAATCACTCAGGGTGAAGGCGGACAGCTTTTATATTATAGAGTCTGGAGAAGTGA
 GCATCTTGATTAGAAGCAAGACTAAAACGAACAAGAACGGCGGGAACAGGAGGTTGAGATTGCCCACTG
 CCATAAGGGGCAGTACTTTGGAGAACTTGCCTGGTGACCAACAAACCAAGAGCTGCTTCTGCTTATGCG
 GTTGGAGACGTCAAATGCTTAGTCATGGATGTTCAAGCATTGAGAGGCTTCTGGGCCCTGCATGGACA
 TCATGAAGAGGAACATCTACATTACGAAGAACAGCTGGTGAAGATGTTTGGCTCCAACCTGGATCTATT
 GGACCCCGGGCAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_019264
Insert Size:	1206 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:	<ol style="list-style-type: none">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_019264.2 , NP_062137.1
RefSeq Size:	1541 bp
RefSeq ORF:	1206 bp
Locus ID:	29699
UniProt ID:	P12368
Cytogenetics:	8q32
Gene Summary:	regulatory subunit for cAMP dependent protein kinase [RGD, Feb 2006]