

Product datasheet for RN209845

Prkar1a (NM_013181) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Prkar1a (NM_013181) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Prkar1a
 Synonyms: RIIA
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN209845 representing NM_013181
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGGATCGC

ATGGCGTCTGGCAGTATGGCAGCCAGTGAGGAAGAGCGGAGTCTCCGGGAATGCGAGCTCTATGTGCAGA
 AGCACAACATCCAGGCCCTGCTGAAGGACTCCATCGTGCAGCTGTGCACTGCTCGGCCCGAGAGGCCCAT
 GGCATTCTTCGGGAATACTTTGAGAGGCTGGAGAAGGAGGAGCAAGACAGATTCAGAGCCTACAGAAA
 TCCGGCATTCTGACAGACTCGAGGGAGGATGAGATCTCTCCTCCACCCCAAATCCGGTGGTGAAGGGCC
 GTCGGCCCGCGGTGCTATCAGCGCTGAGGTTTAACTGAGGAAGATGCTGCGTCTACGTTAGAAAAGGT
 TATACAAAAGATTATAAGACAATGGCTGCTTTAGCCAAGGCCATCGAAAAGAACGTGTTATTTTACAC
 CTTGATGACAATGAGAGAAGTGACATTTTTGATGCAATGTTTCCAGTCTCCTTTATTGCTGGAGAGACAG
 TTATTCAGCAAGGGGATGAAGGGGATAACTTCTATGTGATTGATCAAGGAGAAATGGATGTGTATGTCAA
 TAATGAATGGGCAACCAAGTGTGGGGAAGGAGGAGCTTTGGAGAGCTGGCTTTGATTTACGGAACCCC
 AGAGCAGCCACTGTCAAAGCAAAGACAAACGTGAACTGTGGGCATTGACCGAGACAGTACCGGAGAA
 TCCTCATGGGAAGCACTCTGCGAAAGAGGAAGATGTATGAAGAATTTCTTAGTAAAGTCTATTTTGA
 GTCTCTGGACAAGTGGGAGCGTCTCACAGTAGCTGATGCACTGGAGCCTGTCCAGTTTGAAGATGGACAG
 AAGATTGTGGTCAAGGAGAACCGGGGATGAGTTCTTATTATTTAGAGGGCACGGCCGCTGTGCTGC
 AGCGTCGGTCAGAAAACGAAGAGTTTGTGAAGTGGGACGCTGGGGCCTTCTGACTATTTTGGTGAAAT
 TGCCCTGCTGATGAATCGTCTCGGGCTGCCACTGTGTTGCGCGTGGCCCTTTGAAGTGCCTAAGTTG
 GACCGACCTCGGTTTGAACGCGTCTTGGCCCATGCTCAGATATCCTCAAGCGAAACATCCAGCAGTACA
 ACAGCTTTGTGCACTGTCCGCTGA

AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII



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ACCN:	NM_013181
Insert Size:	1146 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:	<u>NM_013181.1, NP_037313.1</u>
RefSeq Size:	1433 bp
RefSeq ORF:	1146 bp
Locus ID:	25725
UniProt ID:	<u>P09456</u>
Cytogenetics:	10q32.1
Gene Summary:	regulatory subunit of cAMP-dependent protein kinase (PKA); negatively regulates meiosis [RGD, Feb 2006]