

Product datasheet for **RN214021**

Prkag3 (NM_001106921) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prkag3 (NM_001106921) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Prkag3
Synonyms:	Ampkg3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN214021 representing NM_001106921
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGCCCGAGCTGGAGCACACACTGCCTGGGACCTGACCTGGAGCCACAGTGGGGTCCAGAGAGCC
 AAGAGATGGACTTCTTAGAACCAAGAAAACATGATGATCGCCAACTGTGGCCACCAGCTCAGAGAG
 AACCTGTGCTATACGGGAGTCAAAGCTTCCAGATGGACGAGACAGGAGGCCGTAGAGGAAGCAGAGCCA
 CCAGGTTTGGGAGAAGGTGCCAGTCTGGACCAGCTGCTGAGTCCACCAGGCAGAAGGCCACATCCCAA
 AGGCCACACCCTTGGCTCAAGCTGTTCCCTTGGCTGACGCGGAGACCTCCACCACAGGTGGGACCTGTT
 CTTGCCGACTGTGCAGCCTCAGCAGTGGGCTCCAGCACAGGTGACCTGGAGCTGACCATAGAGTCCCA
 GGCCAGAGGTCTGGGACTGTGAGCTCAAAGCCTGGAGCAGGACAGGCCCTGGCCTTGGCCCTCCCGC
 AGGCTCCACTTCTCAGCCTGAGTTGGGACGATGAGCTTCCAGAACTGGAGCCAGATCTATATGCACTT
 CATGCAAGAGCACACCTGTTATGATGCCATGGCCACCAGCTCTAACTGGTCATCTTTGACACCACACTG
 GAGATAAAGAAAGCTTTCTTTGCCATGGTGGCCAACGGTGTGAGGGCAGCCCTCTGTGGGACAGCAAGA
 AGCAGAGCTTTGTGGCATGCTCACCATCACGGACTTCATCCTGGTGTGCACCGTTACTACAGATCTCC
 CCTGGTCCAGATCTATGAGATTGAAGAACAAGATTGAGACCTGGAGGGGTTTTTCTGCAGAGATCTAC
 CTACAAGTTGCTTCAAGCCTCTGGTCTCCATCTCTCAAATGACAGTCTATTTGAAGCTGTCTATGCC
 TCATCAAGAACCAGTCCACCCTGCGGCTCTGGACCTGTCTCTGGCACTGTGCTCTACATACTCAC
 ACACAAGAGGCTACTCAAGTTCCTGCATATATTTGGTGCCTGTTGCCCGGCCCTCTCTCTGCGC
 ACTATCCAAGACTTGGGCATCGGCACATCCGAGATTTAGCTGTAGTTCTGAAAACAGCTCCTATCCTGA
 CTGCGCTGGACATCTTTGTGGACCGACGAGTGTCTGCACTGCTGTGGTCAATGAATCTGGTCAAGTCGT
 GGGCCTCTACTCCCGCTTTGATGTCACTTGGCTGCACAACAACTTACAACCACCTAGACATGAGT
 GTGGGAGAAGCTCTGAGGCAGAGACACTGTGTCTGGAGGGCTTCTCTCTGCCAGCCTCACGAGAGCC
 TAGGTGAAGTCATTGACAGGATTGCACGGGAACAGGTGCATAGGCTGGTGTGGTGGATGAGACCCAGCA
 TCTTCTGGGTGGTCTCCCTCTCTGACATACTCAAGCGCTGGTACTCAGCCCTGCTGGCATCGATGCC
 CTCAGTGCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAAACATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001106921

Insert Size: 1482 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_001106921.1](#), [NP_001100391.1](#)

RefSeq Size: 2742 bp

RefSeq ORF: 1482 bp

Locus ID: 301518

Cytogenetics: 9q33