

Product datasheet for RC228861L4V

OriGene Technologies, Inc.

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PRKAR1B (NM 001164760) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: PRKAR1B (NM_001164760) Human Tagged ORF Clone Lentiviral Particle

Symbol: PRKAR1 Synonyms:

Mammalian Cell

Selection:

Puromycin

Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

mGFP Tag:

NM 001164760 ACCN:

ORF Size: 1143 bp

ORF Nucleotide

Sequence:

Cytogenetics:

The ORF insert of this clone is exactly the same as(RC228861).

The molecular sequence of this clone aligns with the gene accession number as a point of OTI Disclaimer: reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

RefSeq: NM 001164760.1, NP 001158232.1

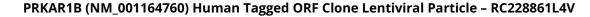
RefSeq Size: 2533 bp RefSeq ORF: 1146 bp Locus ID: 5575 **UniProt ID:** P31321

Protein Families: Druggable Genome

Protein Pathways: Apoptosis, Insulin signaling pathway

7p22.3





ORÏGENE

MW: 43.1 kDa

Gene Summary: The protein encoded by this gene is a regulatory subunit of cyclic AMP-dependent protein

kinase A (PKA), which is involved in the signaling pathway of the second messenger cAMP. Two regulatory and two catalytic subunits form the PKA holoenzyme, disbands after cAMP binding. The holoenzyme is involved in many cellular events, including ion transport, metabolism, and transcription. Several transcript variants encoding the same protein have

been found for this gene. [provided by RefSeq, Aug 2015]