

Product datasheet for **RC228860A1V**

Human PRKAR1B (NM_001164759) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PRKAR1B (NM_001164759) AAV Particle
Tag:	Myc-DDK
Symbol:	PRKAR1B
Synonyms:	PRKAR1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC228860 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCCTCCCCGCCGCTGCCCTCGGAGGAGGACGAGAGCCTGAAGGGCTGTGAGCTGTACGTGCAGC
TGCACGGGATCCAGCAGGTCTCAAAGACTGTATCGTCCACCTCTGCATCTCCAAGCCCCAACGCCCAT
GAAGTTCTCCGGGAGCACTTCGAGAAGCTGGAGAAGGAAGAAACAGGCAGATTTTGGCGCGGCAAAAG
TCAAATCACAGTCGGACTCCCATGATGAGGAGGTGTGCGCCACCCCCCGAACCTGTGGTGAAGGCC
GCCGCCGGCAGGAGGCGTGAGTGCCGAGGTGTACACCGAGGAGGACGCCGTGTCCTACGTCAGGAAGGT
GATTCCTCAAGGACTACAAAACCATGACTGCGCTGGCCAAAGGCCATCTCCAAGAAGCTGCTCTTCGCTCAC
CTGGATGACAACGAGAGGAGTGACATATTCGATGCCATGTTCCCTGTCACTCACATCGCTGGGGAGACTG
TTATACAGCAAGGGAATGAAGGAGACAATTCTATGTCGTTGATCAAGGGGAAGTGGATGTGTACGTGAA
CGGAGAGTGGGTGACCAACATCAGCGAGGGAGGAGCTTCGGGGAGCTGGCGCTCATCTACGGCACCCCC
AGGGCTGCGACCGTGAAAGCCAAGACGGACCTCAAGCTCTGGGGGATCGACCGGGACAGCTACCGCGCA
TCCTTATGGGCAGCACGCTGAGGAAACGAAGATGTACGAGGAGTTCTCAGCAAGGTCTCCATCTAGA
GTCCCTGGAGAAGTGGGAGCGTCTGACCGTGGCGGATGCGCTGGAGCCGTCAGTTTGAAGATGGAGAG
AAAATCGTGGTCCAGGAGAGCCTGGGGACGACTTTTACATCATCACGAGGGCACCGCGTCCGTGCTGC
AGCGCCCGTCCCCAATGAGGAGTACGTGGAGGTGGGGCGCTGGGACCTCTGACTACTTCGGGGAGAT
TGCACTGCTGCTGAACCGGCCCGGGCGGCCACTGTCTGTCGGCCGGGGGCCCTCAAGTGTGTGAAGCTG
GACCGGCCCGCTTCGAGCGTGTGCTGGGGCCCTGCTCTGAGATCCTCAAGAGGAACATTCAGCGTTACA
ACAGCTTCATCTCCCTCACCGTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC228860 protein sequence Red=Cloning site Green=Tags(s) MASPPACPSEEDSLKGCELYVQLHGIQQVLKDCIVHLCISKPERPMKFLREHFEEKLEKEENRQILARQK SNSQSDSHDEEVSPTPNPVVKARRRRGGVSAEVYTEEDAVSYVRKVIPKDYKTMTALAKAISKNVLF AH LDDNERSDIFDAMFPVTHIAGETVIQQGNEGDNFYVVDQGEVDVYVNGEWVTNISEGGSFGELALIYGTP RAATVKAKTDLKLWGIDRDSYRRILMGSTLRKRKMYEEFLSKVSILESLEKWERLTVADALEPVQFEDGE KIVVQGEPGDDFYIITEGTASVLQRRSPNEEYVEVGRLGPSDYFGEIALLLNRPRAATTVARGPLKCVKL DRPRFERVLGPCSEILKRNIQRYNSFISLTV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001164759
ORF Size:	1143 bp
Buffer:	PBS with 0.001% Pluronic F68
Stability:	AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.
RefSeq:	<u>NM_001164759.1, NP_001158231.1</u>
RefSeq Size:	2423 bp
RefSeq ORF:	1146 bp
Locus ID:	5575
UniProt ID:	<u>P31321</u>
Cytogenetics:	7p22.3
MW:	43.1 kDa