

Product datasheet for **RC203911A1V**

Human AMPK beta 1 (PRKAB1) (NM_006253) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human AMPK beta 1 (PRKAB1) (NM_006253) AAV Particle
Tag:	Myc-DDK
Symbol:	AMPK beta 1
Synonyms:	AMPK; HAMPKb
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC203911 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGGCAATACCAGCAGTGAGCGCGCCGCGCTGGAGCGGCATGGTGGCCATAAGACGCCCGGAGGGACA
GCTCGGGGGGCACCAAGGACGGGGACAGGCCAAGATCCTGATGGACAGCCCCGAAGACGCCGACCTCTT
CCACTCCGAGGAAATCAAGGCACCAGAGAAGGAGGAATTCCTGGCCTGGCAGCATGATCTGGAAGTGAAT
GATAAAGCTCCCGCCAGGCTCGGCCAACGGTGTTCGATGGACGGGGGGCGGAAAGGAAGTTTACTTAT
CTGGGTCCTTCAACAACCTGGAGTAACTTCCCCTCACCAGAAGCCACAATAACTTTGTAGCCATCTCGGA
TCTGCCGGAAGGAGAGCATCAGTACAAGTTCTTTGTGGATGGTCAGTGGACGCACGACCCCTCCGAGCCC
ATAGTAACCAGCCAGCTTGGCACAGTTAACAACATCATTCAAGTGAAGAAAACCTGACTTTGAAGTATTTG
ATGCTTTAATGGTGGATTCCCAAAAGTCTCGGATGTGTCTGAGCTGTCCAGTTCTCCCCAGGACCCTA
CCATCAGGAGCCCTACGTCTGCAAAACCGAAGAGCGCTTTCGGGCACCCCTATTCTCCCCACATCTC
CTCCAGGTCATCCTGAACAAGGACACGGGGATTTCCTGTGATCCAGCTTTGCTTCCTGAGCCCAATCACG
TCATGCTGAACCACCTATACGCGCTGTCTATCAAGGATGGAGTGATGGTGCTCAGCGCAACCCACCGGTA
CAAGAAGAAGTACGTACCCACCTTGTATACAAGCCCAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC203911 protein sequence Red=Cloning site Green=Tags(s) MGNTSSERAALERHGGHKTPRRDSSGGTKDGRPKILMDSPEDADLFHSEEIKAPEKEEFLAWQHDLEVN DKAPAQARPTVFRWTGGGKEVYLSGSFNNWSKLPLTRSHNNFVAILDLPEGEHQYKFFVDGQWTHDPSEP IVTSQLGTVNNIIQVKKTDFEVFDALMVDSQKCSVDVSELSSSPPGPYHQEPYVCKPEERFRAPPILPPL LQVILNKDTGISCDPALLPEPNHVMLNHLIALSIKDGVMVL SATHRYKKKYVTTLLYKPI TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_006253
ORF Size:	810 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_006253.4</u>
RefSeq Size:	2412 bp
RefSeq ORF:	813 bp
Locus ID:	5564
UniProt ID:	<u>Q9Y478</u>
Cytogenetics:	12q24.23
MW:	30.4 kDa