

Product datasheet for **RC214125A1V**

Human PIK3AP1 (NM_152309) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PIK3AP1 (NM_152309) AAV Particle
Tag:	Myc-DDK
Symbol:	PIK3AP1
Synonyms:	BCAP
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC214125 representing NM_152309
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCAGCCTCAGGGGTGCCAGAGGATGCGACATCCTCATCGTCTACAGCCCGGATGCCGAGGAATGGT
 GCCAGTACCTGCAGACCCTGTTCTGTCCAGTCGGCAGGTCCGCAGCCAGAAGATACTGACTCACAGGCT
 GGGCCCCGAGGCTCCTTCTCGGCAGAGGACCTAAGCCTTTTCTCAGCACCCGCTGTGTCTGTGGTGCTG
 CTGTCCGCGGAGCTGGTGCAGCACTTCCACAAGCCCTCCTTGCTGCCCTGCTGCAGAGAGCTTTCCATC
 CTCCGCACCGCTGGTCAAGGCTGCTCTGCGGCTGCGGGACAGCAGGAGTTCCTAGACTTCTTTCCAGA
 TTGGGCCCATTGGCAGGAGCTCACCTGTGACGATGAGCCAGAGACCTACGTGGCAGCTGTGAAAAAGCC
 ATTTCCGAAGATTCTGGCTGTGACTCAGTCACTGACACTGAGCCTGAGGACGAGAAGTTGTTTCTACT
 CGAAGCAGCAGAACCTGCCGACGGTGACTTCACTGGGAACCTGATGGTGGTGCAGCCGACCGCATTTCG
 CTGTGGGGCAGAAACCACTGTCTATGTTATTGTGAGATGTAAGCTGGATGACAGGGTGGCGACAGAAGCA
 GAGTTTTCTCCTGAGGATTCTCCCTCTGTAAGGATGGAAGCCAAGGTGGAGAATGAGTACACCATTTCAG
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 GATGACAAATCAGAGGGATGAAGAGCTGCCACCCTGTTGCATTTTGTGCGAAGTATGGACTGAAGAAC
 CTCACCTGCCTTGTGCTACCTGCCAGGAGCCTGCAGGCGTACAGCGTGGCCAACAAGCATGGCCACT
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 GGTGGACATGCTCAAGAGTCACATTAAGAGGAACTGATGCACGGGGAGGAGGCTGATGCTGTGTACGAG
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 ATCTAACCCAATCCCTGGAGATGGTTTCTCTCGGGCCACTAAGGACTCTATGATCCGCAAGTTTTAGAA
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 AGAGACCACTGCTCCTGGTGCTCACCAGCTGCCTGACAACGAACCATAACATTTTAAAGTTTTTGCAGAA
 AAAAGTCAAGAGCGGCTGGGAATTTCTACGTTTCTCAGAGAGCATCAGGAAAGGGCCGCCGTCAGAC
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 GCTTATCACCTCCAGGAGCAGGTGAAGCTGGGCATTGTCAACGTGGATGAGGCTGTGCTCCACTTCAAA
 GAGTGGCAGCTCAACCAGAAGAAACGATCGGAGTCCTTTCTGTTTCCAGCAGGAAAATCTTAAACGGCTAA
 GAGACAGCATCACCCGAAGACAGAGAGAGAAGCAAAAATCAGGAAAGCAGACAGACTTGGAGATCAGGT
 CCCAATTCGGCACTCACAGCCTGCCTGCAAAAGTGGAGTTGGAGTCTATGAGAGTGGCCCCAGGAAA
 AGTGTCAATCCCCCTAGGACGGAGCTGAGACGAGGAGACTGGAACAGACAGCACCTCCAGCACAGCAA
 GTAGCACAAGTAACCGCTCCAGCACCCGGAGCCTCCTCAGTGTGAGCAGCGGGATGGAAGGGGACAACGA
 GGATAATGAAGTCCCTGAGGTTACCAGAAGTCGAGTCCAGGCCCCCCACAAGTGGATGGGACACCCACC
 ATGTCCCTCGAGAGACCCCCAGGGTGCTCCGAGAGCTGCCTCACAGAGGCTCCGACCAGGGAGACCT
 TCCATCCTCCTCACCTGTTCCACCCAGAGGACGC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC214125 representing NM_152309 Red=Cloning site Green=Tags(s) MAASGVPRGCDILIVYSPDAEEWCQYLQTLFLSSRQVRSQKILTHRLGPEASFSAEDLSLFLSTRCVVVL LSAELVQHFKPSLLPLLQRAFHPPHRVVRLLCGVRDSEEFDFPDWAHWQELTCDDEPETYVAAVKKA ISEDGCDSVTDTEPEDEKVVSYSKQQLPTVTSPGNLMVVQPDRIRCGAETTVYVIRCKLDDRVATEA EFSPEDSPSVRMEAKVENEYITISVKAPNLSSGNVSLKIYSGDLVVCETVISYYTDMEEIGNLLSNAANPV EFMCQAFKIVPYNTETLDKLLTESLKNNIPASGLHLFGINQLEEDMMTNQRDEELPTLLHFAAKYGLKN LTALLLTCPGALQAYSVANKHGHYPNTIAEKHGFRLRQFIDEYVETVDMLKSHIKEELMHGEEADAVYE SMAHLSTDLLMKCSLNPGEDELYESMAAFVPAATEDLYVEMLQASTSNIPGDGFSRATKDSMIRKFL GNSMGMTNLERDQCHLGQEEDEVYHTVDDDEAFSVDLASRPPVPVPRPETTAPGAHQLPDNEPYIFKVFAE KSQERPGNFYVSSESIRKGPPVRPWRDRPQSSYDPFAGMKTPGQRQLITLQEQVKLGIVNVDEAVLHFK EWQLNQKKRSEFRFQQENLKRLRDSITRRQREKQKSGKQTDLEITVPIRHSQHLPKVEFGVYESGPRK SVIPPRTELRRGDWKTDSTSSTASSTSNRSSTRSLLSVSSGMEGDNEDNEVPEVTRSRSPGPPQVDGTPT MSLERPPRVPPRAASQRPPTRETFHPPPPVPPRGR TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_152309
ORF Size:	2415 bp
Buffer:	PBS with 0.001% Pluronic F7154
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:	NM_152309.2 , NP_689522.2
RefSeq Size:	4817 bp
RefSeq ORF:	2418 bp
Locus ID:	118788
UniProt ID:	Q6ZUI8
Cytogenetics:	10q24.1
MW:	90.2 kDa