

Product datasheet for **RC214266A1V**

Human PI 3 Kinase p85 alpha (PIK3R1) (NM_181504) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PI 3 Kinase p85 alpha (PIK3R1) (NM_181504) AAV Particle
Tag:	Myc-DDK
Symbol:	PI 3 Kinase p85 alpha
Synonyms:	AGM7; GRB1; IMD36; p85; p85-ALPHA
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC214266 representing NM_181504
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGTACAATACTGTTTGAATATGGAAGACCTGGATTTAGAATATGCCAAGACAGATATAAATTGTGGCA
 CAGACTTGATGTTTTATATAGAAATGGACCCACCAGCACTGCCTCCTAAACCACCAAACTACTACTGT
 AGCCAACAACGGTATGAATAACAATATGTCCTTACAAGATGCTGAATGGTACTGGGGAGATATCTCGAGG
 GAAGAAGTGAATGAAAACTTCGAGATACAGCAGACGGGACCTTTTGGTACGAGATGCGTCTACTAAAA
 TGCATGGTGATTACTCTTACACTAAGGAAAGGGGAAATAACAAATTAATCAAAATATTTTCATCGAGA
 TGGGAAATATGGCTTCTCTGACCCATTAACTTCAGTTCTGTGGTTGAATTAATAAACCACTACCGGAAT
 GAATCTCTAGCTCAGTATAATCCAAATGGATGTGAAATTACTTTATCCAGTATCCAAATACCAACAGG
 ATCAAGTTGTCAAAGAAGATAATATTGAAGCTGTAGGGAAAAATTACATGAATATAACACTCAGTTTCA
 AGAAAAAGTCGAGAATATGATAGATTATGAAGAATATACCCGCACATCCCAGGAAATCCAAATGAAA
 AGGACAGCTATTGAAGCATTTAATGAAACCATAAAAATATTTGAAGAACAGTGCCAGACCAAGAGCGGT
 ACAGCAAGAATACATAGAAAAGTTTAAACGTGAAGGCAATGAGAAAGAAATACAAAGGATTATGCATAA
 TTATGATAAGTTGAAGTCTCGAATCAGTGAAATTATTGACAGTAGAAGAAGATTGGAAGAAGACTTGAAG
 AAGCAGGCAGCTGAGTATCGAGAAATTGACAAACGTATGAACAGCATTAAACCAGACCTTATCCAGCTGA
 GAAAGACGAGAGACCAATACTTGATGTGGTTGACTCAAAAAGGTGTTTCGGCAAAAGAAGTTGAACGAGTG
 GTTGGGCAATGAAAACACTGAAGACCAATATTCAGTGGTGAAGATGATGAAGATTTGCCCCATCATGAT
 GAGAAGACATGGAATGTTGGAAGCAGCAACCGAAACAAAGCTGAAAACCTGTTGCGAGGGAAGCGAGATG
 GCACCTTTCTTGTCCGGGAGAGCAGTAAACAGGGCTGCTATGCCTGCTCTGTAGTGGTGGACGGCGAAGT
 AAAGCATTGTGCATAAAACAAACAGCAACTGGCTATGGCTTTGCCGAGCCCTATAAATTGTACAGCTCT
 CTGAAAGAACTGGTGCTACATTACCAACACACCTCCCTTGTGCAGCACACGACTCCCTCAATGTCACAC
 TAGCCTACCCAGTATATGCACAGCAGAGGCGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC214266 representing NM_181504
 Red=Cloning site Green=Tags(s)

MYNTVWNMEDLDLEYAKTDINCGLDMFYIEMDPPALPPKPPKPTTVANNGMNNMNSLQDAEWYWGDISR
 EEVNEKLRTADGTFLVRDASTKMHGDYTLRLKGGNNKLIKIFHRDGKYGFSDPLTFSSVVELINHYRN
 ESLAQYNPKLDVKLLYPVSKYQQDQVVKEDNIEAVGKKLHEYNTQFQESREYDRLYEEYTRTSQEIQMK
 RTAIEAFNETIKIFEEQCQTQERYKEYIEKFKREGNEKEIQRIMHNYDKLSRISEIIDSRRRLEEDLK
 KQAAEYREIDKRMNSIKPDLIQLRKTRDQYLMWLTKGVRQKKLNEWLGNENTEDQYSLVEDDEDLPHHD
 EKTWNVGSSNRNKAENLLRGKRDGTFLVRESSKQGCYACSVVVDGEVKHCVINKTATGYGFAEPYNLYSS
 LKELVLHYQHTSLVQHNDNLNVTLAYPVYAQRR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_181504

ORF Size:

1362 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_181504.2</u>
RefSeq Size:	5663 bp
RefSeq ORF:	1365 bp
Locus ID:	5295
UniProt ID:	<u>P27986</u>
Cytogenetics:	5q13.1
MW:	53.3 kDa