

Product datasheet for **RC225775A1V**

Human PI 3 Kinase p55 gamma (PIK3R3) (NM_001114172) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PI 3 Kinase p55 gamma (PIK3R3) (NM_001114172) AAV Particle
Tag:	Myc-DDK
Symbol:	PI 3 Kinase p55 gamma
Synonyms:	p55; p55-GAMMA; p55PIK
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC225775 representing NM_001114172
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGTACAATACGGTGTGGAGTATGGACCGCATGACGCAGACTGGAGGGAGGTGATGATGCCCTATTCTGA
 CAGAACTGATATTTTATATTGAAATGGATCCTCCAGCTCTCCACCAAAGCCACCTAAGCCAATGACTTC
 AGCAGTTCCAAATGGAATGAAGGACAGTTCTGTTTCTCTTCAGGATGCAGAATGGTACTGGGGGATATT
 TCAAGGGAGGAGGTAAATGACAAATTGCGGGATATGCCAGATGGGACCTTCTTGGTCCGAGATGCCTCAA
 CAAAAATGCAGGGAGATTATACTTTGACTTTGCGGAAGGGAGGCAATAATAAGTTAATAAAGATCTATCA
 CCGGGATGGTAAATATGGCTTTTCTGATCCTCTGACATTTAATCCGTGGTGGAGCTCATTAACCACTAT
 CACCATGAATCTCTTCTCAGTACAATCCAACTTGATGTGAAGCTGATGTACCCAGTGTCCAGATACC
 AACAGGATCAGTTGGTAAAAGAAGATAATATTGATGCAGTAGGTAAAAAAGTGAAGAATACCACTCTCA
 GTATCAGGAGAAGAGTAAAGAGTATGATAGGCTGTATGAAGAATATACTAGAACATCCCAGGAAATACAG
 ATGAAGAGGACTGCAATAGAAGCTTTTAAATGAAACAATTTAAATTTGAAGAGCAGTGTACACACAAG
 AACACATAGCAAAGAATATATTGAGCGATTCGAGAGAGGGGAATGAAAAGGAGATTGAACGAATTAT
 GATGAATTATGATAAATTGAAATCACGTCTGGGTGAGATTCATGATAGCAAAATGCGTCTAGAGCAGGAT
 TTGAAGAATCAAGCTTTGGACAACCGAGAAATAGATAAAAAATGAATAGCATCAAACTGACCTGATCC
 AGCTGCGAAAGATCCGAGATCAACACCTTGTATGGCTCAATCACAAGGAGTGAGACAGAAACGCTGAA
 TGTCTGGCTGGGAATTAAGAATGAGGATGCTGATGAGAACTATTTATCAATGAGGAAGATGAAAACCTG
 CCCATTATGATGAGAAAACCTGGTTTGTGAGGATATCAATCGAGTACAAGCAGAGGACTTGCTTTATG
 GGAAACCTGATGGTGCATTCTTAATTCGTGAGAGTAGCAAGAAAGGATGCTATGCTTGCTGTGGTGGC
 CGATGGGGAAGTGAAGCACTGTGTGATCTACAGCACTGCTCGGGGCTATGGCTTTGCAGAGCCCTACAAC
 CTGTACAGCTCTCTGAAGGAGCTAGTGCTCCATTACCAGCAGACATCCTTGTTTCAGACAACGACTCCC
 TCAACGTCAGGCTTGCTACCCTGTTTCATGCACAGATGCCCTCGCTTTGCAGA

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC225775 representing NM_001114172
 Red=Cloning site Green=Tags(s)

MYNTVWSMDRDDADWREVMPPSTELIFYIEMDPPALPPKPPKPMTSAPVNGMKDSSVSLQDAEWYWGDI
 SREEVNDKLRDMPDGTFLVRDASTKMQGDYTLTRKGGNNKLIKIYHRDGKYGFSDPLTFNSVVELINHY
 HHESLAQYNPKLDVKLMYPVSRVYQDQVLKEDNIDAVGKKLQEYHSQYQESKEYDRLYEEYTRTSQEIQ
 MKRTAIEAFNETIKIFEEQCHTQEHSKEYIERFRREGNEKEIERIMMNYDKLSRLGEIHDSKMRLEQD
 LKNQALDNREIDKKMNSIKPDLIQLRKIRDQHLVWLNHKGVRQKRLNVWLGIKNEDADENYFINEEDENL
 PHYDEKTFWVEDINRVQAEDLLYGKPDGAFLIRESSKKGACYACSVVADGEVVKHCYIYSTARGYGFAPYNY
 LYSSLKELVLHYQQTSLVQHNDLSLNVRLAYPVHAQMPSLCR

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001114172

ORF Size:

1383 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_001114172.1</u> , <u>NP_001107644.1</u>
RefSeq ORF:	1386 bp
Locus ID:	8503
UniProt ID:	<u>Q92569</u>
Cytogenetics:	1p34.1
MW:	54.3 kDa