

Product datasheet for **RC217617A1V**

Human DOK1 (NM_001381) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human DOK1 (NM_001381) AAV Particle
Tag:	Myc-DDK
Symbol:	DOK1
Synonyms:	P62DOK; pp62
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC217617 representing NM_001381
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACGGAGCAGTGATGGAAGGCGCTTTTTTTCAGAGTCAGCGCTTTGGGACCAAGAGGTGGAGGA
 AGACCTGGGCCGTGCTCTACCCGGCCAGTCCCCACGGCTAGCGCGGCTCGAGTTCTTTGACCATAAGGG
 GTCGAGCTCTGGGGTGGCCGAGGGAGCTCGCGCCGCTGGACTGCAAAGTGATCCGCTCTGGCTGAGTGT
 GTGAGTGTGGCCCCGTACCGTGGAGACCCCCCTGAGCCGCGCCACTGCCTTCCGCTGGACACTG
 CTCAGCGCTCGACCTGCTGGCGCCGACGCGCGCTCCAGTGCAGCCTGGGTGCAGACGCTGTGCCGAAA
 CGCCTTTCCGAAAGGCAGCTGGACTCTGGCGCTACCGATAACCCACCTAAGCTTTCTGCCCTGGAGATG
 CTGGAGAACTCCTTGTACAGCCCTACCTGGGAAGGATCCCAATTCTGGGTAACGGTGCAGAGGACTGAGG
 CCGCCGAGCGCTGTGGCCTGCATGGCTCTACGTGCTGAGGGTGGAGGCTGAAAGGCTGACTCTCCTGAC
 CGTGGGGGCCAGAGTCAGATACTGGAGCCACTCCTGTCTGGCCCTACACTCTGTTGCGTCGCTATGGC
 CGGGACAAGGTATGTTCTCTTCGAGGCCGGCCGCGCTGCCCTCAGGCCCTGGAACCTTCACCTTCC
 AGACGGCACAGGAAATGACATCTTCCAGGCAGTTGAGACTGCCATCCACCGGCAGAAGGCCAGGAAA
 GGCCGGACAGGGGCACGATGTTCTCAGAGCTGACTCCCATGAAGGGGAGGTGGCAGAGGGGAAGTTGCCT
 TCCCCACCTGGCCCCAAGAGCTCCTCGACAGTCCCCAGCCCTGTATGCTGAGCCCTTAGACTCCCTGC
 GCATTGCTCCATGCCCTTCCCAGGACTCCCTATACTCAGACCCCTTGGACAGCACGTCTGCTCAGGCAGG
 AGAGGGAGTACAACGGAAGAACTCTCTATTGGGACTTGTATGAGCATGCGCAGCAGCAGTTGCTGAAG
 GCCAAGCTGACAGACCCCAAAGAGGATCCCATCTATGATGAACCTGAGGGCTGGCCCCAGTCCCTCCCC
 AGGGCCTTTATGATCTGCCTCGGAGCCCAAGGATGCATGGTGGTGCCAAAGCTCGGGTGAAGGAGGAGGG
 CTATGAGCTCCCTACAACCTGCCACTGATGACTACGCTGTGCCACCCCTCGGAGCACAAAGCCCTC
 CTTGCTCCCAAGCCCCAGGGCCAGCCTTCCCTGAACCTGGTACTGCAACTGGCAGTGGCATCAAAGGCC
 ACAACTCAGCCCTGTACAGCCAGGTCCAGAAGAGCGGGGCTCAGGGAGCTGGGACTGTGGGCTCTCTAG
 AGTAGGGACTGACAAGACTGGGGTCAAGTCAGAGGGCTCTACC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC217617 representing NM_001381
 Red=Cloning site Green=Tags(s)

MDGAVMEGPLFLQSQRFGTKRWKRWAVLYPASPHGVARLEFFDHKGSSSGGRGSSRRLDCKVIRLAEC
 VSVAPVTVETPPEPGATAFRLDQAQRSHLLAADAPSSAAWVQTLCRNAFPKGSWTLAPTDNPPKLSALEM
 LENSLSPTWEGSQFWTVQRTEAAERCGLHGSYVLRVEAERLTLLTVGAQSQILEPLLSWPYTLRLRYG
 RDKVMFSFEAGRRCPSGPGTFTFQTAQNDIFQAVETAIHRQKAQKAGQGHDLRADSHGEVAEGKLP
 SPPGPQELLDSPPALYAEPLDSLRIAPCPSQDSLSDPLDSTSAQAGEGVQRKKPLYWDLYEHAQQQLLK
 AKLTDPKEDPIYDEPEGLAPVPPQGLYDLPREPKDAWWCQARVKEEGYELPYNPATDDYAVPPPRSTKPL
 LAPKPQGPAPFEPGTATGSGIKSHNSALYSQVQKSGASGSDCGLSRVGTDKTGKSEGST

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001381

ORF Size:

1443 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_001381.2</u>
RefSeq Size:	1908 bp
RefSeq ORF:	1446 bp
Locus ID:	1796
UniProt ID:	<u>Q99704</u>
Cytogenetics:	2p13.1
MW:	52.2 kDa