

Product datasheet for **RC217778A1V**

Human REPS2 (NM_004726) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human REPS2 (NM_004726) AAV Particle
Tag:	Myc-DDK
Symbol:	REPS2
Synonyms:	POB1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

ORF Nucleotide Sequence:

>RC217778 representing NM_004726
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGAGGCGGCAGCGCGCGCGCGCGCGCGCAGCGGCAGCGGCAGCGCGCGCGCGGGCTGTGGCTCCG
 GGCCGCCGCCGCTGCTGCTGAGCGAGGGCGAGCAGCAGTGCTACTCCGAGCTCTTCGCGCGCTGTGCCGG
 CGCCCGCGGGCGGGGGCCCCGGGTCTGGGCCCCCGAGGCCGCCAGAGTCGCCCCCGCACGGCCACTGCG
 GCCCGCGGCCCGTGGCTGACCTGTTTCGGGCATCGCAGCTGCCCGCGAGACGCTGCACCAGATCACAG
 AACTGTGTGGTCAAAGCGGTTGGTTATTTGGTCCAACACAGTTTACATTGCCCTGAAATTAATTGC
 TGCAGCACAATCTGGCTCCCGGTACGGATAGAGAGTATTAATGTGAATTGCCTCTGCCTCGCTTTATG
 ATGTCAAAGAATGATGGTGAGATACGATTTGGGAACCCAGCTGAGCTGCATGGAATAAGGTTTCAGATTC
 CATATTTAACTACAGAAAAAATTCCTTCAAAGAATGGACGATGAGGATAAACAGCAGGAAACACAGTC
 TCCACGATGTACCCCTCGCCTCCCTCCTTCTCCCGCCTCATTACCAGAGGGTGCCCTTGAGCCAT
 GGCTACAGCAAATGCGGAGCAGCGCAGAACAGATGCATCCAGCACCTTATGAAGCTAGGCAGCCCTTG
 TCCAGCCCGAGGGATCCTCATCAGGGGGCCAGGAACCAAGCCCTTCGGCATCAGGCTTCCCTTATCCG
 GTCTTTTTCAGTGGAGAGGGAACACAGGATAACAGCAGTTACCCCGACGAACCTTGAGGATAACAGAA
 GAACAGCGCGAGTACTATGTCAATCAGTTCGATCCCTTCAGCCAGACCAAGCTCTTTCATTTTCAGGTT
 CTGTGGCAAGAACTTCTTCAACAAATCAAAGCTTTCATTCCAGAACTCTCTATATATGGGAGCTTAG
 TGATGCTGACTGTGATGGAGCCCTGACCCTGCCTGAGTTCTGTGCTGCGTTTCATCTCATTGTGGCTCGG
 AAGAACGGCTACCCATTGCCTGAGGGCCTCCCTCCAACCTCTGCAGCCAGAATACCTGCAGGCAGCTTTTC
 CTAAGCCCAAATGGGACTGTCAATTATTTGATTCTTATTCTGAGTCACTGCCGGCAAATCAACAACCTCG
 TGACTTGAATCGGATGGAGAAGACATCTGTTAAAGACATGGCTGACCTTCCTGTCCCTAACCCAGGATGTA
 ACTAGTGATGACAAACAAGCTTTGAAAAGTACTATCAATGAAGCCTTACCAAAGGACGTGTCTGAGGATC
 CAGCAACTCCCAAGGATTCCAACAGTCTCAAAGCAAGACCAAGATCCAGATCTTACTCTAGCACCTCCAT
 AGAAGAGGCCATGAAAAGGGCGAGGACCCTCCACCCCGCCACCTCGGCCACAGAAAACCCATTCCAGA
 GCCTCCTCCTTGGATCTGAATAAAGTCTTCCAGCCAGTGTGCCAGCTACCAAGTCAGGATTGTTACCCC
 CACCACCTGCGCTCCCTCCAAGACCTTGTCCATCACAGTCTGAACAAGTGTGGAGGCCGAGTTACTCCC
 ACAGCTGAGCAGAGCCCCATCCAGGCTGCAGAAAGTAGTCCAGCAAAGAAGGATGTACTGTATTCTCAG
 CCACCATCAAAGCCATTTCGTAGGAAATTCAGACCAGAAAACCAAGCTACAGAAAACCAAGAGCCTTCCA
 CTGCTGCAAGTGGGCCAGCTTCTGCGGCAACCATGAAACCGCATCCAACAGTCCAAAAGCAGTCTTCCAA
 ACAGAAAGAAGGCCATTCAAAGTCTATCCGCAAAAATAAAGAGGCAAAACGAGTGTGGCTCGGCTGAAC
 AGTGAGCTCCAGCAGAGCTCAAGGAGGTTTCATCAAGAACGAATTGCATTGAAAAACCAATTGGAACAAC
 TTCGTCGGTCACTGTGTTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC217778 representing NM_004726 Red=Cloning site Green=Tags(s) MEAAAAAAAAAAAAAGGGCGSGPPPLLLSEGEQQCYSELFARCAGAAGGGPGSGPPEAARVAPGTATA AAGPVADLFRASQLPAETLHQITELCGAKRVGYFGPTQFYIALKLIAAQSGLPVRIESIKCELPLPRFM MSKNDGEIRFGNPAELHGTKVQIPYLTTEKNSFKRMDDKQKETQSPTMSPLASPPSSPPHYQVPLSH GYSKLRSSAEQMHPAPYEARQPLVQPEGSSSGPGTKPLRHQASLIRSFVERELQDNSSYPDEPWRITE EQREYYVNFQFRLQPDPSFISGSVAKNFFTKSKLSIPELSYIWELSDADCDGALTLPFCFAAFHLIVAR KNGYPLPEGLPPTLQPEYLQAAFPKPKWDCQLFDSYSESLPANQQPRDLNRMEKTSVKDMADLPVNPQDV TSDDKQALKSTINEALPKDVSEDPATPKDSNSLKARPRSRYSSTSIEEAMKRGEDPPTPPRPQKTHSR ASSLDLNVKFQPSVPATKSGLPPPPALPPRPCPSQSEQVSEALLPQLSRAPSQAAESSPAKKDVLVSQ PPSKPIRRKFRPENQATENQEPSTAASGPASAATMKPHPTVQKQSSKQKKAIQTAIRKNKEANAVLARLN SELQQQLKEVHQERIALENQLEQLRPVTVL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_004726
ORF Size:	1980 bp
Buffer:	PBS with 0.001% Pluronic F7740
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_004726.2
RefSeq Size:	7964 bp
RefSeq ORF:	1983 bp
Locus ID:	9185
UniProt ID:	Q8NFH8
Cytogenetics:	Xp22.2
MW:	71.4 kDa