

Product datasheet for **RC217830A1V**

Human REPS2 (NM_001080975) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human REPS2 (NM_001080975) AAV Particle
Tag:	Myc-DDK
Symbol:	REPS2
Synonyms:	POB1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

**ORF Nucleotide
Sequence:**

>RC217830 representing NM_001080975
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGAGGCGGCAGCGGCGGCGGCGGCGGCAGCGGCAGCGGCGGCGGGGGCTGTGGCTCCG
 GGCCGCCGCCGCTGCTGCTGAGCGAGGGCGAGCAGCAGTGCTACTCCGAGCTCTTCGCGCGCTGTGCCGG
 CGCCGCGGGCGGGGGCCCCGGGTCTGGGCCCCCGAGGCCGCCAGAGTCGCCCCGGCACGGCCACTGCG
 GCCGCCGGCCCCGTGGCTGACCTGTTTCGGGCATCGCAGCTGCCGCCGAGACGCTGCACCAGATCACAG
 AACTGTGTGGTCAAAGCGGTTGGTTATTTGGTCCAACACAGTTTACATTGCCCTGAAATTAATTGC
 TGCAGCACAATCTGGCTCCCGGTACGGATAGAGAGTATTAATGTGAATTGCCTCTGCCTCGCTTTATG
 ATGTCAAAGAATGATGGTGAGATACGATTTGGGAACCCAGCTGAGCTGCATGGAATAAGTTTCAGATTC
 CATATTTAACTACAGAAAAAATTCCTTCAAAGAATGGACGATGAGGATAAACAGGAAACACAGTCTCC
 CACGATGTACCCCTCGCTCCCTCCTTCTTCCCGCCTCATTACCAGAGGGTGCCTTGAGCCATGGC
 TACAGCAAACGCGGAGCAGCGCAGAACAGATGCATCCAGCACCTTATGAAGCTAGGCAGCCCCCTGTCC
 AGCCCCAGGGATCCTCATCAGGGGGCCAGGAACCAAGCCCCCTTCGGCATCAGGCTTCCCTTATCCGGTC
 CTTTTCAGTGGAGAGGGAACACAGGATAACAGCAGTTACCCCGACGAACCCTGGAGGATAACAGAAGAA
 CAGCGCGAGTACTATGTCAATCAGTTCCGATCCCTTCAGCCAGACCCAAGCTCTTTCATTTTCAGGTTCTG
 TGGCCAAGAACTTCTTCAACAAATCAAAGCTTTCATTCCAGAACTCTCTATATATGGGAGCTTAGTGA
 TGCTGACTGTGATGGAGCCCTGACCTCGCTGAGTTCTGTGCTGCGTTTCATCTCATTGTGGCTCGGAAG
 AACGGCTACCCATTGCCTGAGGGCCTCCCTCCAACCTCTGCAGCCAGAATACCTGCAGGCAGCTTTTCCTA
 AGCCCAAATGGGACTGTCAATTATTTGATTCTTATTCTGAGTCACTGCCGGCAAATCAACAACCTCGTGA
 CTTGAATCGGATGGAGAAGACATCTGTTAAAGACATGGCTGACCTTCTGTCCCTAACCCAGGATGTAAC
 AGTGATGACAAACAAGCTTTGAAAAGTACTATCAATGAAGCCTTACCAAAGGACGTGTCTGAGGATCCAG
 CAACTCCCAAGGATTCCAACAGTCTCAAAGCAAGACCAAGATCCAGATCTTACTCTAGCACCTCCATAGA
 AGAGGCCATGAAAAGGGGCGAGGACCCTCCACCCCGCCACCTCGGCCACAGAAAACCCATTCCAGAGCC
 TCCTCCTTGGATCTGAATAAAGTCTTCCAGCCAGTGTGCCAGCTACCAAGTCAGGATTGTTACCCCCAC
 CACCTGCGCTCCCTCAAGACCTTGCCATCACAGTCTGAACAAGTGTGCGAGGCCGAGTTACTCCACA
 GCTGAGCAGAGCCCCATCCAGGCTGCAGAAAGTAGTCCAGCAAAGAAGGATGTACTGTATTCTCAGCCA
 CCATCAAAGCCCATTCTAGGAAATTCAGACCAGAAAACCAAGCTACAGAAAACCAAGAGCCTTCCACTG
 CTGCAAGTGGGCCAGCTTCTGCGCAACCATGAAACCGCATCCAACAGTCCAAAAGCAGTCTTCAAACA
 GAAGAAGGCCATTCAAAGTCTATCCGCAAAAATAAAGAGGCAACGCAGTGTGGCTCGGCTGAACAGT
 GAGCTCCAGCAGCAGCTCAAGGAGGTTCAAGAACGAATTGCATTGGAAAACCAATTGGAACAACCTTC
 GTCCGGTCACTGTGTTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC217830 representing NM_001080975 Red=Cloning site Green=Tags(s) MEAAAAAAAAAAAAAGGGCGSGPPPLLLSEGEQQCYSELFARCAGAAGGGPGSGPPEAARVAPGTATA AAGPVADLFRASQLPAETLHQITELCGAKRVGYFGPTQFYIALKLIAAAQSGLPVRIESIKCELPLPRFM MSKNDGEIRFGNPAELHGTVQIPYLTTEKNSFKRMDDKQETQSPTMSPLASPPSSPPHYQVPLSHG YSKLRSSAEQMHPAPYEARQPLVQPEGSSSGPGTKPLRHQASLIRSFVERELQDNSSYPDEPWITEE QREYYVNQFRSLQPDSSFISGSVAKNFFTKSKLSIPELSYIWELSDADCDGALTPEFCAAFHLIVARK NGYPLPEGLPPTLQPEYLQAAFPKPKWDCQLFDSYSESLPANQQPRDLNRMEKTSVKDMADLPVNPQDVT SDDKQALKSTINEALPKDVSEDPATPKDSNSLKARPRSRYSSTIEEAMKRGEDPPTPPRPQKTHSRA SSLDLNVKFQSPVATKSGLLPPPPALPPRPCPSQSEQVSEAELLPQLSRAPSQAEESSPAKKDVLYSQP PSKPIRRKFRPENQATENQEPSTAASGPASAATMKPHPTVQKQSSKQKAIQTAIRKNKEANAVLARLNS ELQQQLKEVHQERIALENQLEQLRPVTVL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001080975
ORF Size:	1977 bp
Buffer:	PBS with 0.001% Pluronic F7750
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_001080975.1</u>
RefSeq Size:	7961 bp
RefSeq ORF:	1980 bp
Locus ID:	9185
UniProt ID:	<u>Q8NFH8</u>
Cytogenetics:	Xp22.2
MW:	71.2 kDa