

Product datasheet for **RC213040A1V**

Human AKAP7 (NM_004842) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Human AKAP7 (NM_004842) AAV Particle
Tag: Myc-DDK
Symbol: AKAP7
Synonyms: AKAP15; AKAP18
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC213040 representing NM_004842
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGCCAGCTTTGCTGCTTTCCTTCTCAAGAGATGAAGGAAAAATCAGTGAAAAGAACGGAGGGGAGC
 CCGATGACGCTGAAGTAGTAAGGCTCAGTAAGAGGCTGGTGGAGAACGCGGTGCTCAAGGCTGTCCAGCA
 GTATCTGGAGGAAACACAGAATAAAACAAGCCGGGGAGGGGAGCTCTGTGAAAACCGAAGCAGCTGAT
 CAGAATGGCAATGACAATGAGAACACAGGAAA

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC213040 representing NM_004842
 Red=Cloning site Green=Tags(s)

MGQLCCFPFSDREGKISEKNGGEPDDAELVRLSKRLVENAVLKAVQYLEETQNKPKGEGSSVKTEAAD
 QNGNDNENNRK*

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human
Serotype: AAV-2
ACCN: NM_004842
ORF Size: 243 bp
Buffer: PBS with 0.001% Pluronic F68


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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_004842.2</u>
RefSeq Size:	2279 bp
RefSeq ORF:	246 bp
Locus ID:	9465
UniProt ID:	<u>O43687</u>
Cytogenetics:	6q23.2
MW:	8.8 kDa