

Product datasheet for RC216946A1V

Human alpha A Crystallin (CRYAA) (NM_000394) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Human alpha A Crystallin (CRYAA) (NM_000394) AAV Particle
Tag: Myc-DDK
Symbol: alpha A Crystallin
Synonyms: CRYA1; CTRCT9; HSPB4
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC216946 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC

ATGGATGTGACCATCCAGCACCCCTGGTTCAAGCGCACCCCTGGGGCCCTTCTACCCAGCCGGCTGTTCG
 ACCAGTTTTTCGGCGAGGGCCTTTTGGAGTATGACCTGCTGCCCTTCTGTCTCCACCATCAGCCCTA
 CTACCGCCAGTCCCTCTCCGCACCGTCTGGACTCCGGCATCTCTGAGGTTGATCCGACCGGACAAG
 TTCGTATCTTCTCGATGTGAAGCACTTCTCCCGGAGGACCTACCGTGAAGGTGCAGGACGACTTTG
 TGGAGATCCACGAAAGCACAACGAGCGCCAGGACGACCGGCTACATTCCCGTGAGTTCCACCGCCG
 CTACCGCTGCCGTCCAACGTGGACCACTCGGCCCTCTCTTGCTCCCTGTCTGCCGATGGCATGCTGACC
 TTCTGTGGCCCAAGATCCAGACTGGCCTGGATGCCACCCACGCCGAGGAGCCATCCCGTGTCGCGGG
 AGGAGAAGCCACCTCGGCTCCCTCGTCC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC216946 protein sequence
 Red=Cloning site Green=Tags(s)

MDVTIQHPWFKRTLGPFPYPSRLFDQFFGEGLFEYDLLPFLSSTISPYRQSLFRTVLDSGISEVRSRDK
 FVIFLDVKHFSPELTVKVQDDFVEIHGKHNERQDDHGYISREFHRRYRLPSNVDQSALSCSLSADGMLT
 FCGPKIQTGLDATHAERAIPVSREEKPTSAPSS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human
Serotype: AAV-2


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ACCN:	NM_000394
ORF Size:	519 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:	NM_000394.2
RefSeq Size:	1162 bp
RefSeq ORF:	522 bp
Locus ID:	1409
UniProt ID:	P02489
Cytogenetics:	21q22.3
MW:	19.9 kDa