

Product datasheet for RC204911A1V

Human GKAP1 (NM_025211) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GKAP1 (NM_025211) AAV Particle
Tag:	Myc-DDK
Symbol:	GKAP1
Synonyms:	FKSG21; GKAP42
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC204911 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCCTCAGCAGTACTTAGTTCTGTTCCACCACCGCTTCTCGTTTTGCCCTGTTACAAGTGGATAGTG
GCAGTGGCTCTGATTCTGAACCTGGAAGGTAAGGTCGAAATACTGGAAAGTCTCAAACCTTTAGGAAG
CAAGTCAACTACAAATGAGAAAAAGAGAGAAAAAGAAAAAGAAAGAACAGCAACAGAGTGAAGCA
AATGAGCTCAGGAATCTTGCTTTTAAGAAAATCCCCAGAAATCCTCCCATGCTGTTTGAACGCTCAAC
ATGATCTTCCATTGTCAAACCCAGTACAGAAGGATTACGAGAAGAAAATTGGCAAGAGTGGAGACAAAG
AGATGAGCAGCTGACATCTGAAATGTTTGAAGCAGATCTTGAGAAGGCATTGTTACTAAGTAAACTAGAA
TATGAAGAGCACAAAAAGGAGTATGAAGATGCTGAAAATACTTCAACTCAGTCCAAAGTTATGAATAAAA
AAGATAAAAGAAAGAATCATCAGGGAAAAGACAGACCTCTCACAGTATCACTAAAAGATTTTCATTTCGGA
AGATCACATTAGTAAAAAGACTGAGGAATTGAGTTCTTCTCAGACTTTATCACATGATGGAGGATTCTTC
AATAGACTGGAAGATGATGTTTCATAAAATCTTATTAGAGAAAAACGAAGAGAACAGCTTACAGAATATA
ATGGAACAGATAATTGTACAGCTCATGAACACAACCAGGAAGTGGTTCTGAAAGATGGAAGAATTGAAAG
ACTAAAGTTAGAGCTTGAAGGAAAGATGCTGAAATCCAGAAGCTGAAAAATGTAATCACTCAATGGGAG
GCAAAGTATAAGGAAGTAAAGGCAAGAAATGCACAATTATTGAAAATGCTTCAGGAAGGTGAAATGAAAG
ATAAGGCAGAAATACTTCTGCAAGTTGATGAATCACAAGATCAAGAATGAGCTCACTATTCAGGTGAC
TTCACCTTCATGCTGCATTAGAACAAAGAGATCTAAAGTGAAAGTATTACAAGCAGAGTTAGCCAAATAC
CAGGGTGGCAGAAAAGGGAAGAACTCTGAATCCGACCAGTGTAGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA


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Protein Sequence:	>RC204911 protein sequence Red=Cloning site Green=Tags(s) MASAVLSSVPTTASRFALLQVDSGSGSDSEPGKGKGRNTGKSQTLGSKSTTNEKKREKRRKKKEQQQSEA NELRNLAFFKIPQKSSHAVCNAQHDLPLSNPVQKDSREENWQEWQRDEQLTSEMFEADLEKALLSKLE YEEHKKEYEDAENTSTQSKVMNKKDKRKNHQGKDRPLTVSLKDFHSEDHISKKTEELSSSQTLSHDGGFF NRLEDDVHKILIREKRREQLTEYNGTDNCTAHEHNQEVVLKDGRIERLKELEKDAEIQKLKNVITQWE AKYKEVKARNAQLLKMLQEGEMKDKAEILLQVDESQSIKNELTIQVTSLHAALEQERSKVVLQAEALAKY QGGRKGKRNSESDQCR TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_025211
ORF Size:	1098 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_025211.2
RefSeq Size:	1891 bp
RefSeq ORF:	1101 bp
Locus ID:	80318
UniProt ID:	Q5VSY0
Cytogenetics:	9q21.32
MW:	42.1 kDa