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Product datasheet for RC215734A1V

Human QK1 (QKI) (NM_206854) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human QK1 (QKI) (NM_206854) AAV Particle
Tag:	Myc-DDK
Symbol:	QK1
Synonyms:	Hqk; hqkI; QK; QK1; QK3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence:

>RC215734 representing NM_206854
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGTCGGGGAAATGGAAACGAAGGAGAAGCCGAAGCCCACCCCAGATTACCTGATGCAGCTGATGAACG
ACAAGAAGCTCATGAGCAGCCTGCCCAACTTCTGCGGGATCTTCAACCACCTCGAGCGGCTGCTGGACGA
AGAAATTAGCAGAGTACGGAAAGACATGTACAATGACACATTAAATGGCAGTACAGAGAAAAGGAGTGCA
GAATTGCCTGATGCTGTGGGACCTATTGTTCAGTTACAAGAGAAACTTTATGTGCCTGTAAAAGAATACC
CAGATTTTAATTTTGTTGGGAGAATCCTTGGACCTAGAGGACTTACAGCCAAACAACTTGAAGCAGAAAC
CGGATGTAAAATCATGGTCCGAGGCAAAGGCTCAATGAGGGATAAAAAAAAGGAGGAGCAAAATAGAGGC
AAGCCCAATTGGGAGCATCTAAATGAAGATTTACATGTACTAATCACTGTGGAAGATGCTCAGAACAGAG
CAGAAATCAAATTGAAGAGAGCAGTTGAAGAAGTGAAGAAATTATTGGTACCTGCAGCAGAAGGAGAAGA
CAGCCTGAAGAAGATGCAGCTGATGGAGCTTGCGATTCTGAATGGCACCTACAGAGATGCCAACATTAAA
TCACCAGCCCTTGCCTTTTCTCTTGCAGCAACAGCCCAGGCTGCTCCAAGGATCATTACTGGGCCTGCGC
CGGTTCTCCCACCAGCTGCCCTGCGTACTCCTACGCCAGCTGGCCCTACCATAATGCCTTTGATCAGACA
AATACAGACCGCTGTCATGCCAAACGGAACTCCTCACCCAACTGCTGCAATAGTTCCTCCAGGGCCCGAA
GCTGGTTTAATCTATACACCCTATGAGTACCCCTACACATTGGCACCAGCTACATCAATCCTTGAGTATC
CTATTGAACCTAGTGGTGTATTAGAGTGGATTGAAATGCCAGTCATGCCTGATATTTCAGCCCAT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

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Protein Sequence:

>RC215734 representing NM_206854
Red=Cloning site Green=Tags(s)

MVGEMETKEKPKPTPDYLMQLMNDKKLMSSLPNFCGIFNHLERLLDEEISRVRKDMYNDTLNGSTEKRSA
ELPDAVGPIVQLQEKLYVPVKEYPDFNFVGRILGPRGLTAKQLEAETGCKIMVRGKGSMRDKKKEEQNRG
KPNWEHLNEDLHVLITVEDAQNRAEIKLKRAVEEVKKLLVPAAEGEDSLKKMQLMELAILNGTYRDANIK
SPALAFSLAATAQAAPRIITGPAPVLPPAALRTPTPAGPTIMPLIRQIQTAVMPNGTPHPTAAIVPPGPE
AGLIYTPYEYPYTLAPATSILEYPIEPSGVLEWIEMPVMPDISAH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_206854

ORF Size: 975 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_206854.1

RefSeq Size: 6972 bp

RefSeq ORF: 978 bp

Locus ID: 9444

UniProt ID: Q96PU8

Cytogenetics: 6q26

MW: 35.8 kDa