

Product datasheet for **RC205779A1V**

Human QK1 (QKI) (NM_006775) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human QK1 (QKI) (NM_006775) AAV Particle
Tag:	Myc-DDK
Symbol:	QK1
Synonyms:	Hqk; hqkl; QK; QK1; QK3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC205779 representing NM_006775 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGTCGGGAAATGGAACGAAGGAGAAGCCGAAGCCACCCAGATTACCTGATGCAGCTGATGAACG
ACAAGAAGCTCATGAGCAGCCTGCCCACTTCTGCGGGATCTTCAACCACCTCGAGCGGCTGCTGGACGA
AGAAATTAGCAGAGTACGGAAAGACATGTACAATGACACATTAAATGGCAGTACAGAGAAAAGGAGTGCA
GAATTGCCTGATGCTGTGGGACCTATTGTTCAAGAGAACTTTATGTGCCTGTAAAAGAATACC
CAGATTTTAATTTTGTGGGAGAATCCTTGACCTAGAGGACTTACAGCCAAACAACCTTGAAGCAGAAAC
CGGATGTAAAATCATGGTCCGAGGCAAGGCTCAATGAGGGATAAAAAAAGGAGGAGCAAAATAGAGGC
AAGCCCAATTGGGAGCATCTAAATGAAGATTTACATGTACTAATCACTGTGGAAGATGCTCAGAACAGAG
CAGAAATCAAATTGAAGAGAGCAGTTGAAGAAGTGAAGAAATTATTGGTACCTGCAGCAGAAGGAGAAGA
CAGCCTGAAGAAGATGCAGCTGATGGAGCTTGCATTCTGAATGGCACCTACAGAGATGCCAACATTAA
TCACCAGCCCTTGCCCTTTCTCTTGACGCAACAGCCAGGCTGCTCAAGGATCATTACTGGCCTGCGC
CGGTTCTCCACAGCTGCCCTGCGTACTCCTACGCCAGCTGGCCCTACCATAATGCCTTTGATCAGACA
AATACAGACCGCTGTGATGCCAAACGGAACCTCCTACCCAACTGCTGCAATAGTTCCTCCAGGGCCCGAA
GCTGGTTTAATCTATACCCCTATGAGTACCCCTACACATTGGCACCAGCTACATCAATCCTTGAGTATC
CTATTGAACCTAGTGGTGTATTAGGTGCGGTGGCTACTAAAGTTCGAAGGCACGATATGCGTGTCCATCC
TTACCAAAGGATTGTGACCGCAGACCGAGCCGCCACCGGCAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC205779 representing NM_006775 Red=Cloning site Green=Tags(s) MVGEMETKEKPKPTPDYLMQLMNDKKLMSSLPNFCGIFNHLERLLDEEISRVKDMYNDTLNGSTEKRSA ELPDAVGPIVQLQEKL YVPVKEYPDFNFVGRILGPRGLTAKQLEAETGCKIMVRGKGSMRDKKKEEQNRG KPNWEHLNEDLHVLITVEDAQNRAEIKLKRAVEEVKKLLVPAEGEDSLKKMQLMELAILNGTYRDANIK SPALAFSLAATAQAAPRIITGPAPVLPAAALRTPTPAGPTIMPLIRQIQTAVMPNGTPHPTAAIVPPGPE AGLIYTPYEYPYTLAPATSILEYPIEPSGVLGAVATKVRHRDMRVHPYQRIVTADRAATGN TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_006775
ORF Size:	1023 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:	<u>NM_006775.1</u>
RefSeq Size:	4731 bp
RefSeq ORF:	1026 bp
Locus ID:	9444
UniProt ID:	<u>Q96PU8</u>
Cytogenetics:	6q26
MW:	37.5 kDa