

Product datasheet for **RC200734A1V**

Human KPC2 (UBAC1) (NM_016172) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human KPC2 (UBAC1) (NM_016172) AAV Particle
Tag:	Myc-DDK
Symbol:	KPC2
Synonyms:	GBDR1; KPC2; UBADC1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC200734 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGTTCTGTCAGGAGGAGAAGATCTTCGCGGGCAAGGTGCTGCGGCTGCACATCTGCGCGTCCGACGGCG
CCGAGTGGCTGGAGGAGGCCACCGAGGACACCTCGGTGGAGAAGCTCAAGGAGCGCTGCCTCAAGCACTG
TGCTCATGGGAGCTTAGAAGATCCCAAAAGTATAACCCATCATAAATTAATCCACGCTGCCTCAGAGAGG
GTGCTGAGTGATGCCAGGACCATCCTGGAAGAGAACATCCAGGACCAAGATGTCCTATTATTGATAAAAA
AGCGTGCTCCATCACCCTTCCCAAGATGGCTGATGTCTCAGCAGAAGAAAAGAAAAACAAGACCAGAA
AGCTCCAGATAAAGAGGCCATACTGCGGGCCACCGCCAACCTGCCCTCCTACAACATGGACCGGGCCGCG
GTCCAGACCAACATGAGAGACTTCCAGACAGAACTCCGGAAGATACTGGTGTCTCTCATCGAGGTGGCGC
AGAAGCTGTTAGCGCTGAACCCAGATGCGGTGGAATTGTTTAAGAAGGCGAATGCAATGCTGGACGAGGA
CGAGGATGAGCGTGTGGACGAGGCTGCCCTGCGGCAGCTCACGGAGATGGGCTTCCGGAGAACAGAGCC
ACCAAGGCCCTTCAGCTGAACCATGTGCGTGCCTCAGGCCATGGAGTGGCTAATTGAACACGCAGAAG
ACCCGACCATAGACACGCTCTTCCTGGCCAAGCTCCCCAGAGGCCGAGGGGGCCACAGCAGCTGCCTC
CGAGGCTGCCGCGGGAGCCAGCGCCACCGATGAGGAGGCCAGAGATGAGCTGACGAAATCTTCAAGAAG
ATCCGGAGGAAAAGGAGTTTCGGGCTGATGCTCGGGCCGTATTTCCTGATGGAGATGGGGTTCGACG
AGAAAGAGGTGATAGATGCCCTCAGAGTGAACAACAACAGCAGAATGCCGCGTGCAGTGGCTGCTGGG
GGACCGGAAGCCCTCTCCGGAGGAGCTGGACAAGGGCATCGACCCGACAGTCTCTCTTTTCAGGCCATC
CTGGATAACCCGGTGGTGCAGCTGGGCCTGACCAACCCGAAAACATTGCTAGCATTTGAAGACATGCTGG
AGAACCCTGAACAGCACCCAGTGGATGAATGATCCAGAAACGGGGCCTGTCATGCTGCAGATCTCTAG
AATCTTCAGACACTAAATCGCACG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC200734 protein sequence Red=Cloning site Green=Tags(s) MFVQEEKIFAGKVLRLHICASDGAEWLEEATEDTSVEKLKERCLKHCAHGSLEDPKSITHHKLIIHAASER VLS DARTILEENIQDQDVLLLIKRRAPSPLPKMADVSAEEKKKQDQKAPDKEAILRATANLPSYNMDRAA VQTNMRDFQTELRKILVSLIEVAQKLLALNPDAVELFKKANAMLDEDEDERVDEAALRQLTEMGFENRA TKALQLNHMSVPQAMEWLIHAEDPTIDTLPQGAPPEAEGATAAASEAAAGASATDEEARDELTEIFKK IRRKREFRADARAVISLMEMGFDEKEVIDALRVNNQNAACEWLLGDRKPSPEELDKGIDPDSPLFQAI LDNPVVQLGLTNPKTLLAFEDMLENPLNSTQWMNDPETGPVMLQISRIFQTLNRT TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_016172
ORF Size:	1215 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_016172.2, NP_057256.2</u>
RefSeq Size:	1877 bp
RefSeq ORF:	1218 bp
Locus ID:	10422
UniProt ID:	<u>Q9BSL1</u>
Cytogenetics:	9q34.3
MW:	45.3 kDa