

Product datasheet for **RC217678A1V**

Human KPRP (NM_001025231) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human KPRP (NM_001025231) AAV Particle
Tag:	Myc-DDK
Symbol:	KPRP
Synonyms:	C1orf45
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

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>RC217678 representing NM_001025231
Red=Cloning site Blue=ORF Green=Tags(s)
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TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCTGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**

ATGTGTGACCAAGCAGACAGATCCAGTGGCCGCTGCCGCTCCAACAGTGTGCGTCAAGGGTCCCTCCTTCTGCTCCTCTCAATCCCCCTTTGCCAGAGCCAAGTGGTGGTTCAAGCCCCTGTGAGATGCAAAATTGTGGA CTGCCCTGCATCATGCCAGTTCAAGTTTGCCAGGTGTAGACCAGGCTCCATGCCAGTCTCAGACCACA CAGGTGAAGTGCCAGTCTAAGACCAAGCAGGTGAAGGGCCAGGCTCAATGTCAGTCTAAGACCACCAGG TGAAGGGCCAGGCTGCATCCCAATCTCAAACCTCTCTGTTCAAAGCCAGGCTCCATGCCAATCTGAGG GTCTCTACGTGCAGTGCGAAGCGTCACAACCTGTTAGACTTGCTTCGTAGAATGTGCTCCAGTTTGTAT ACAGAACTTGTTATGTAGAATGCCAGTCCAGAACTATGTACCCTGTCCAGTCTCTCAGCTGTCCAGA TGTATAGAGGGCTCCTGCAGTGTGCCAGCCTCAGGGAAGATTCTCACCCAGTGCCAGTATCAAGGCTC CTATAGCAGTTGTGGCCCCAGTTTCAGTCAAGGGCTACCTGCAACAACTACACCCCCAGTTCAGTTG AGGCTTCTCTACAGCAGCTGTTTCCCTCAGTATCGGTCCCGGACTTCATTTAGTCCTGTGTGCCCCAGT GCCAGACCCAGGGCTCCTATGGGAGCTTCACTGAACAGCACCCTCTCGGAGCACCAGCAGATGCCTTCC TCCTCCTCGGGCTGCAGCTTTTCCCCCGCAGCTGTTCCCCACCAAGACGTTTGTAGCCCTGCTCCAGC AGCTACCTGCCACTAAGACCCTCTGAAGGTTTCCTAACTACTGCACCCACCCCGCCGCTCTGAACCCA TATATAACAGTCGCTGTCTCGCCGCCCATTTCAAGCTGCTCTCAGAGACGTGGCCCCAAGTGCCGAAT CGAGATTTCTCCCCGTGCTGCCCCAGGCAGGTTCCCCACAGAGGTGTCTGTTGAGATTCCTCCCATC AGACGCCGCTCCAGAGCTGTGGCCCGCAGCCCTCCTGGGGCGCTCCTGCCCTGAGCTGAGGCCACAGC TAGAGCCACGTCCAACCTCCCAAGCTTCTGTCCACCACGGCGTCTTGACCAGTGTCCAGAGTCAACCTGCA GCGATGTCCACCTCCTGCTCCACGTCCACGTCTGCGCCAGAACCATGCATAAGTCTAGAACCACGCCCG CGTCTCTACCAAGCAACTTTCAAGACCTTGTTGTATCCAGAACCACTCCAGCACTACGTGCCAACAC CGCGGCCAGTTCCTTCTCGCCAGGGCAGTGTGAGATTCAGAGCCACCTCCATGCCTCGCAAGCCTG TGAGCACCTCAGAGCCTTGTCACGACCAAGGCCAATTCCCTGCCGGCGCCTGCCCAAGCCCGGAGGCC TGCAGGGAGACTTGCGCAGCCCCAGCCCATGCTGGGGCCCAAATCCAGTTCCATACCCAGGAGACCTAG GCTGTCTAGTCTAGTCCACACCGCCTAGACACCGAAGCTCCCTACTGTGGCCATCCAGTTACAACCA GGGGCAAGAGAGTGGTGTGGCTGTGGGCTGGTGATGTGTTTCCAGAGCGGAGGGGTGAGGATGGCCAT GGAGACCAAGGCAATGCCTTTGCTGGAGTGAAAGGGGAAGCAAAGAGTGCTTATTTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC217678 representing NM_001025231
Red=Cloning site Green=Tags(s)

MCDQQQIQRLPLQCCVKGPSFCSSQSQSPAQSQVQVQAPCEMQIVDCPASCPVQVCQVSDQAPCQSQT
QVKCQSKTKQVKGQAQCQSKTTQVKGQAASQSTSSVQSQAPCQSEVSYYQCEASQPVQTCFVECAPVCY
TETCYVECPVQNYVPCPAPQPVQMYRGRPAVCQPQGRFSTQCQYQGSYSSCGPQFQSRATCNNTYTPQFQL
RPSYSSCFPQYRSRTSFSPCVPQCQTQGSYGSTEQHRSRSTRCLPPRRRLQLFPRSCSPRRRFEPCSS
SYLPLRPSEGFPNYCTPPRRSEPIYNSRCPPRPISSCSQRRGPKCRIEISSPCPRQVPPQRCQVPEIPPI
RRRSQSCGPQPSWGASCPRLPHVEPRPLPSFCPPRRLDQCPESPLQRCPPAPRPRLRPEPCISLEPRP
RPLRQLSEPCLYPEPLALRPTPRPVLPRLPGQCEIPEPRPCLQPCHEPEPCPRPEPIPLPAPCPSPEP
CRETWRSPSPCWGNPVYPYPGDLGCHESSPHRLDTEAPYCGPSSYNQGQESGAGCGPGDVFPERRGQDGH
GDOGNAFAGVKGEAKSAYF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_001025231
ORF Size:	1737 bp
Buffer:	PBS with 0.001% Pluronic F7725
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_001025231.1</u>
RefSeq Size:	2523 bp
RefSeq ORF:	1740 bp
Locus ID:	448834
UniProt ID:	<u>Q5T749</u>
Cytogenetics:	1q21.3
MW:	64 kDa