

Product datasheet for **RC213427A1V**

Human ZIP Kinase (DAPK3) (NM_001348) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ZIP Kinase (DAPK3) (NM_001348) AAV Particle
Tag:	Myc-DDK
Symbol:	ZIP Kinase
Synonyms:	DLK; ZIP; ZIPK
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC213427 representing NM_001348
 Red=Cloning site Blue=ORF Green=Tags(s)

CTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCCACGTTACAGCAGGAGGACGTGGAGACCATTATGAGATGGGGAGGAGCTGGGACGGCCAGT
 TTGCGATCGTGCAGGAAGTCCCGCAGAAAGGGCACGGGCAAGGAGTACGCAGCCAAGTTCATCAAGAAGCG
 CCGCTGTCCAGCCGGCGTGGGGTGGAGCCGGAGGAGATCGAGCGGAGGTGAACATCCTGCGGGAG
 ATCCGGCACCCCAACATCATCACCTGCACGACATCTTCGAGAACAAGACGGACGTGGTCTCATCTGG
 AGCTGGTCTTGGCGGGGAGCTCTTGGACTTCTGGCGGAGAAGGAGTGCCTGACGGAGGACGAGGCCAC
 CCAGTTCCTCAAGCAGATCCTGGACGGCGTTCCTACTACCTGCACTCTAAGCGCATCGCACACTTTGACCTG
 AAGCCGAAAAACATCATGCTGCTGGACAAGAACGTGCCAACCCACGAATCAAGCTCATGACTTCGGCA
 TCGCGACAAGATCGAGGCGGGAAACGAGTTCAAGAACATCTTCGGCACCCCGGAGTTTGTGGCCCCAGA
 GATTGTGAATATGAGCCGCTGGCCTGGAGGCGGACATGTGGAGCATCGGTGCATCACCTATATCCTC
 CTGAGCCGTGCATCCCGTTCTGGGCGAGACCAAGCAGGAGACGCTCACCAACATCTCAGCCGTGAACT
 ACGACTTCGACGAGGAGTACTTCAGCAACACCAGCGAGCTGGCCAAGGACTTCATTGCGCCGGCTGCTCGT
 CAAAGATCCCAAGCGGAGAATGACCATTGCCAGAGCCTGGAACATTCCTGGATTAAGGCGATCCGGCGG
 CGGAACGTGCGTGGTGGAGACAGCGGCCGAAGCCGAGCGGCGCGCTGAAGACCACGCGTCTGAAGG
 AGTACACCATCAAGTCGCACTCCAGCTTCCCGCCCAACAACAGCTACGCCGACTTCGAGCGCTTCTCAA
 GGTGCTGGAGGAGGCGGCGCCCGCAGGAGGGCTGCGCGAGCTGCAGCGCAGCCGGCGGCTCTGCCAC
 GAGGACGTGGAGGCGCTGGCCGCATCTACGAGGAGAAGGAGGCTGGTACCGCGAGGAGAGCGACAGCC
 TGGCCAGGACCTGCGGAGGCTACGGCAGGAGCTGCTCAAGACCAGGCGCTCAAGCGGAGGCGCAGGA
 GGAGGCCAAGGGCGCGCTGCTGGGACCAAGCGGCTCAAGCGCGCTTACGCCGCTGGAGAACCGCTAC
 GAGGCGCTGGCCAAGCAAGTAGCCTCCGAGATGCGCTTCGTGCAGGACCTCGTGCAGGCGCCCTGGAGCAGG
 AGAAGCTGCAGGGCGTGGAGTGCGGGCTGCGC

**CTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATTACAAGGATGACGACG
 ATAAGGTTTAA**

Protein Sequence:

>RC213427 representing NM_001348
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MSTFRQEDVEDHYEMGEELGSGQFAIVRKCRQKGTGKEYAAKFIKRRLSSRRGVSREEIEREVNILRE
 IRHPNIITLHDIFENKTDVVLILELVSGGELFDFLAEKESL TEDEATQFLKQILDGVHYLHSKRIAHFDL
 KPENIMLLDKNVNPRIKLIDFGIAHKIEAGNEFKNIFGTPEFVAPEIVNYEPLGLEADMWSIGVITYIL
 LSGASPFLGETKQETLTNISAVNYDFDEEYFSNTSELAKDFIRRLLVKDPKRRMTIAQSLEHSWIKAIRR
 RNVRGEDSGRKPERRRLKTTTLKEYTIKSHSLPPNNSYADFERFSKVLEEAEEGLRELQRSRRLCH
 EDVEALAAIYEEKEAWYREESDSLQDLRRLRQELKTEALKRQAQEEAKGALLGTSGLKRRFSRLENRY
 EALAKQVASEMRVFQDLVRALEQEKLGVECGLR

LEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001348

ORF Size:

1362 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_001348.1</u>
RefSeq Size:	2105 bp
RefSeq ORF:	1365 bp
Locus ID:	1613
UniProt ID:	<u>O43293</u>
Cytogenetics:	19p13.3
MW:	52.4 kDa