

Product datasheet for **RC200444A1V**

Human PDZK1 (NM_002614) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PDZK1 (NM_002614) AAV Particle
Tag:	Myc-DDK
Symbol:	PDZK1
Synonyms:	CAP70; CLAMP; NHERF-3; NHERF3; PDZD1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

**ORF Nucleotide
Sequence:**

>RC200444 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACCTCCACCTTCAACCCCCGAGAATGTAACTGTCCAAGCAAGAAGGGCAAACTATGGCTTCTTCC
 TGCGAATTGAGAAGGACACCGAGGGCCACCTGGTCCGGGTGGTTGAGAAGTGTAGCCCAGCAGAGAAGGC
 TGGCCTTCAAGATGGAGACAGAGTTCTTAGGATCAATGGTGTCTTTGTGGACAAAGAAGACATATGCAG
 GTTGTGGATCTGGTCAGAAAGAGTGGGAATTCAGTGACTTTACTAGTTCTGGATGGGGATTCTCTATGAGA
 AAGCAGTGAAAACACGGGTGGACTTGAAAGAGTTGGGTCAAAGTCAGAAGGAGCAAGTTTGAAGTATAA
 TATACTTTCCCTGTGATGAATGGAGGTGTGCAAACCTGGACCCAGCCCCGGCTCTGCTATCTCGTGAAG
 GAAGGAGGCAGCTATGGCTTCTCTGAAAACGTCCAAGGTAAAAGGGGGTGTACATGACTGATATTA
 CACCTCAAGGTGTGGCTATGAGAGCTGGAGTTCTGGCTGATGATCACTTGATTGAAGTGAATGGAGAGAA
 TGTAGAGGATGCCAGCCATGAGGAAGTGGTTGAAAAGGTGAAGAAGTCAGGAAGCCGTGTCATGTTCTCTG
 CTGGTGGACAAAGAACTGACAAGCGTCATGTTGAGCAGAAGATACAATTCAAAAAGAGAAACAGCCAGTT
 TGAAACTGTTACCCACAGCCCCGAATTGTGGAGATGAAGAAAGGAAGCAATGGCTATGGTTTCTATCT
 GAGGGCAGGCTCAGAACAGAAAGGTCAAATCATCAAGGACATAGATTCTGGAAGTCCAGCAGAGGAGGCT
 GGCTTGAAGAACAATGATCTGGTAGTTGCTGTCAACGGCGAGTCTGTGGAACCTGGATCATGACAGTG
 TGGTAGAAATGATTAGAAAGGTGGAGATCAGACTTCACTGTTGGTGGTAGACAAAGAGACGGACAACAT
 GTACAGACTGGCTCATTTTCTCATTCTCTACTATCAAAGTCAAGAACTGCCAATGGCTCTGTCAAG
 GAGGCTCCAGCTCCTACTCCACTTCTCTGGAAGTCTCAAGTCCACCAGATACTACAGAGGAAGTAGATC
 ATAAGCCTAACTCTGCAGGCTGGCTAAAGGTGAAAATGGCTATGGCTTCAATGCGATTTCGGGG
 TCTGCCAGGCTATTATCAAAAGAGGTACAGAAGGGCGGTCCTGCTGACTTGGCTGGGCTAGAGGATGAG
 GATGTCATCATTGAAGTGAATGGGGTGAATGTGCTAGATGAACCTATGAGAAGGTGGTGGATAGAAATCC
 AGAGCAGTGGGAAGAATGTCACACTTCTAGTCTGTGGAAGAAGGCCTATGATTATTTCAAGCTAAGAA
 AATCCCTATTGTTTCTCCCTGGCTGATCCACTTGACACCCCTCCAGATTCTAAAGAAGGAATAGTGGTG
 GAGTCAAACCATGACTCGCACATGGCAAAGAAGGGCCACAGTACAGCCTCACATTCTTCTCAATT
 CTGAAGATACAGAGATG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC200444 protein sequence
 Red=Cloning site Green=Tags(s)

MTSTFNPRECKLSKQEGQNYGFFLRIEKDTEGHLVRVVEKCSPAEKAGLQDGRVLRINGVFVDKEEHMQ
 VVDLVRKSGNSVTLLVLDGDSYEKAVKTRVDLKELGQSQKEQGLSDNILSPVMNGGVQWTQPRLCYLK
 EGGSYGFSLKTQVQKKGVYMTDITPQGVAMRAGVLADDHLIEVNGENVEDASHEEVVEKVKSGSRVMFL
 LVDKETDKRHVEQKIQFKRETASLKLPHQPRIVEMKKSNGYGFYLRAGSEQKQI IKDIDSGSPAEEA
 GLKNNDLVAVNGESVETLDHDSVVMIRKGGDQTSLLVVDKETDNMYRLAHFSPFLYYQSQELPNGSVK
 EAPAPTPTSLEVSSPPDTTEEVDHKKPLCRLAKGENGYGFHLNIRGLPGSFIVEVQKGGPADLAGLEDE
 DVIIEVNGVNLDEPYEKVVDRIQSSGKNVTLLVCGKKAYDYFQAKKIPIVSSLADPLDTPPDSKEGIVV
 ESNHDSHMAKERAHSTASHSSNSSEDEM

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDK**V**

Species:

Human

Serotype:

AAV-2

ACCN:

NM_002614

ORF Size:

1557 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_002614.3</u>
RefSeq Size:	2301 bp
RefSeq ORF:	1560 bp
Locus ID:	5174
UniProt ID:	<u>Q5T2W1</u>
Cytogenetics:	1q21.1
MW:	57.1 kDa