

Product datasheet for **RC210960A1V**

Human ZNF50 (ZSCAN22) (NM_181846) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ZNF50 (ZSCAN22) (NM_181846) AAV Particle
Tag:	Myc-DDK
Symbol:	ZNF50
Synonyms:	HKR2; ZNF50
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC210960 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

 ATGGCCATCCCCAAGCACTCCCTGAGCCAGTGCCGTGGGAAGAGGACAGCTTCCTTCAAGTGAAGGTGG
AGGAGGAAGAGGAAGCCAGCCTCTCCAGGGCGGAGAATCCAGCCATGACCACATTGCTCACTCTGAGGC
TGCACGCCTGCGCTTCCGGCACTTCCGCTATGAGGAGGCATCTGGTCCACACGAGGCCCTGGCCACCTC
CGAGCGCTGTGCTGTCACTGGCTGCAGCCCGAGGCGCACTCCAAGGAGCAGATACTGGAGCTGCTGGTGC
TGGAGCAGTTCTGGGTGCGCTGCCCCAGAGATCCAAGCCTGGGTGGGAGCCAGAGTCCCAAGAGCGG
AGAGGAAGCCGCTGTGCTGGTGGAGGATCTGACTCAGGTGCTGGACAAGAGAGGATGGGATCCAGGAGCC
GAGCCACAGAGGCAAGCTGCAACAGAGTGACCTGGGAGAGTCAGAGCCATCAAATGTCACTGAGACCC
TCATGGGAGGTGTTCCCTTGGACCCGCTTTGTCAAGGCATGTGAACCTGAGGGCAGCTCAGAGAGGTC
TGGACTATCAGGGGAGATCTGGACAAAGTCTGTACCCAAACAGATCCACTTCAAGAAAACCTCAGGGCCT
TACAAGGATGTCCACACAGACCAGCGTGCCGTGAATCTGGTGCCTCGAGGAACAGTTCTAGTGCCTGGC
CAAACCTCACCTCCCAAGAGAAGCCTCCTTCAGAAGACAAATTTGATCTGGTGGATGCTTATGGGACAGA
GCCTCCATACCTACTCAGGAAGAGGTCTCCAAGTGTGCGAGTGTAGGAAGATGTTCCAGAGTGCT
TCGGCGCTCGAGGCACACCAGAAGACCCATTCTCGGAAGACCCCATATGCCTGCAGCGAGTGTGGGAAAG
CCTTCAGCCGGAGCACTCACCTCGCCAGCACCAGGTTGTCCACACAGGGGCGAAGCCCATGAGTGTA
GGAATGTGGGAAGGCCTTCAGCCGAGTCACCCACCTGACTCAGCACCAAGGATTCATACTGGAGAGAAA
CCCTACAAATGTGGGAATGTGGTAAACCTTCAGCCGAGCACTCACCTCACCCAGCACCAGCGGTGC
ACACGGGGGAGCGGCCCTACGAGTGTGACGCGTGTGGGAAAGCCTTCAGCCAGAGCAGCACCTGACTCA
ACACGCGCATCCACACCGGGGAGAAGCCCTACAAGTGTGACGCGTGTGGCCGAGCCTTCAGCGACTGC
TCAGCCCTGATCCGACATCTGAGAATCCACTCTGGAGAGAAGCCATATCAGTGTAAAGTTTGTCCGAAGG
CCTTTGCACAGAGCTCCTCCCTCATTGAGCACCAGAGGATCCACACGGGAGAGAAGCCTTATAAGTGCAG
CGACTGTGGGAAGGCCTTCAGTCGTAGCTCAGCCCTGATGGTTCACTTGCGGATCCACATCACGGTGCTG
CAA

 AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC210960 protein sequence

Red=Cloning site Green=Tags(s)

 MAIPKHSLSPPVWEEDSFLQVKVEEEEEASLSQGGESSHDHIAHSEAARLRFRHFRYEEASGPHEALHL
RALCCQWLQPEAHSKEQILELLVLEQFLGALPPEIQAWVGAQSPKSGEEAAVLVEDLTQVLDKRGWDPGA
EPTEASCKQSDLGESEPSNVTEITLMGGVSLGPAFVKACEPEGSSERSGLSGEITWTSVTQQIHFKKTS GP
YKDVPTDQRGRESGASRNSSSAWPNLTSQEKPPSEDKFDLVDAYGTEPPYTYSGKRSSKCRECRKMFQSA
SALEAHQKTHSRKTPYACSECGKAFSRSTHLAQHVHTGAKPHECKEKGAFSRVTHLTQHQRHTGK
PYKCGECGKTFSRSTHLTQHQRVHTGERPYECDACGKAFSQSTHLTQHQRHTGKPYKCDACGRAFSDC
SALIRHLRIHSGEKPYQCKVCPKAFQSSSLIEHQRIHTGKPYKSDCGKAFSRSSALMVHLRIHITVL
Q

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_181846

ORF Size:

1473 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_181846.1</u>
RefSeq Size:	4643 bp
RefSeq ORF:	1476 bp
Locus ID:	342945
UniProt ID:	<u>P10073</u>
Cytogenetics:	19q13.43
MW:	54.6 kDa