

Product datasheet for **RC217964A1V**

Human ZNF189 (NM_197977) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ZNF189 (NM_197977) AAV Particle
Tag:	Myc-DDK
Symbol:	ZNF189
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC217964 representing NM_197977
 Red=Cloning site Blue=ORF Green=Tags(s)

CTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCTTCCCCGAGCCCCCGCGGAGTCAAGGGTTGCTGACATTTGAGGATGTGGCTGTGTTTTTTA
 CCCAGGAGGAGTGGGATTATCTGGACCCAGCTCAGAGAAGCCTGTATAAAGATGTCATGATGGAGAATTA
 TGGAAACCTGGTCTCACTGGATGTTTTGAACAGAGATAAGGATGAGGAGCCAACGTAAAAACAAGAGATT
 GAAGAAATTGAGGAAGAAGTGAACACAGGGTGTAAAGTTACAAGAATCAAAAGTGAATTGACCAGG
 ATCCTATGGGTAGAGAAACATTTGAACCTGTTGGTAGGTAGATAAACAAAGAGGGATCTTCTATGGGA
 AATACCAAGGGAATCTTTGACCCAGGAACAGAGAATGTTGAGAGAAAACATAACATTATCCGTAAGA
 CCAAACTCAGAAGAGAAATGCCATAAATGTGAAGAATGTGAAAGGGTTTTGTCCGAAGGCCCATTTCA
 TTCAACATCAAAGGGTCCATACTGGTGAGAAACCTTTTCAGTGCAATGAATGTGGGAAAAGTTTTAGTCG
 CAGTTTCAATTTGTTATTGAACATCAGAGAATTCACACTGGGGAAGGCCCTATGAGTGAATTAAGTGTGA
 AAAACCTTTAGTGTGAGCTCAACCTTATTAGACATCAGAGAATCCACACTGGAGAAAGACCCTATCAGT
 GTAATCAGTGTAAACAGAGCTTCAGCCAGAGAAGGAGCCTTGTTAAACATCAAAGGATTCATACAGGTGA
 GAAACCCCATAAATGTAGTGACTGTGGGAAAGCCTTCAGTTGGAAATCACACCTTATTGAGCATCAAAGA
 ACTCACACTGGTGAGAAACCTTATCACTGTACCAATGTAAGAAGAGCTTTAGTCGAAATTCATTGCTTG
 TTGAGCATCAAAGAATTCACACTGGGGAAGACCCCATAAATGTGGTGAATGTGGGAAAGCCTTTTCGATT
 AAGCACATACCTTATACAACACCAAAAAATTCACACTGGCGAGAAGCCTTTTCTTTGATTGAGTGTGA
 AAAAGTTTCAGTCGGAGCTCATTCTTATTGAACATCAGAGGATCCATACTGGTGAAAGACCTTATCAGT
 GCAAAGAGTGTGGGAAAAGTTTCAGTCAGCTTTGCAACCTTACTCGTCATCAGAGAATTCACACAGGAGA
 CAAGCCCATAAATGTGAGGAATGTGGAAAAGCCTTTAGTAGAAGCTCAGGTCTTATTCAGCATCAGAGA
 ATTCACACCAGGAGAAGACTTATCCATACAATGAAACTAAGGAAAGTTTTGATCCAAATTCAGTCTTG
 TTATACAGCAGGAAGTCTACCCTAAGGAGAAATCTTATAAATGTGATGAATGTGGGAAAAGCTTTTAGTGT
 TAGTGCTCATCTTGTACAACATCAAAGAATCCACACTGGTGAAAGGCCCTATCTATGACTGTCTGTGGG
 AAAAGCTTCAGCCGAGCTCATTCTTATTGAACATCAGAGAATCCACACTGGTGAGAGACCTATCTGT
 GCAGACAGTGTGGAAAAGCTTTAGTCAGCTTTGTAATCTTATTCGACATCAGGGTGTTCACACAGGTAA
 TAAACCCCATAAATGTGATGAATGTGGAAAGCCTTTAGCCGGAACCTCGGTCTTATTCAGCATCAGAGA
 ATACACACAGGAGAGAAACCTTATAAGTGTGAGAAGTGCACAAAAGTTTCAGTCAACAGCGCAGTCTTG
 TCAACCATCAGAAGATCCATGCAGAGGTGAAAACCAAGAAACCATGAATGTGACGCTTGTGGTGAAGC
 CTTTAATTGCCGTATTTCTTATTTCAGCATCAGAAATTCACACAGCATGGATGCAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MASPPPPESKGLLTFEDVAVFFTQEEWDYLDPAQRSLYKDVMMENYGNLVSLDVLNRDKDEEPTVKQEI
 EEIEEEVEPQGVIVTRIKSEIDQPMGRETFELVGRLDKQRGIFLWEIPRESLTQEQRMFRENTNIIKR
 PNSEKCHKCEECKGKGFVRKAHFIQHQRVHTGEKPFQNECGKSFSSSFVIEHQRIHTGERPYECNYCG
 KTFVSSTLIRHQRIHTGERPYQCNQCKQSFSQRRSLVKHQRIHTGEKPHKCSDCGKAFSWKSHLIEHQR
 THTGEKPYHCTKCKKFSRNSLLVEHQRIHTGERPHKCGECGKAFRLSTYLIQHQQIHTGEKPFLEICG
 KSFSRSSFLIEHQRIHTGERPYQCKEKGKFSQCNLIRHQRIHTGDKPHKCEECKGKAFSRSSGLIHHQR
 IHTREKTPYNETKESFDPNCSLVIQQEVYPKEKSYKDECGKTFVSVAHLVQHQRHTGEKPYLCTVCG
 KSFSRSSFLIEHQRIHTGERPYLCRQCKGKFSQCNLIRHQGVHTGNKPHKDECGKAFSRNSGLIHHQR
 IHTGEKPYKCEKCDKFSQQRSLVNHQKIHAEVKTQETHECDACGEAFNCRISLIHQHQLHTAWMQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:	Human
Serotype:	AAV-2
ACCN:	NM_197977
ORF Size:	1878 bp
Buffer:	PBS with 0.001% Pluronic F7782
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_197977.1, NP_932094.1</u>
RefSeq Size:	3307 bp
RefSeq ORF:	1755 bp
Locus ID:	7743
UniProt ID:	<u>O75820</u>
Cytogenetics:	9q31.1
MW:	73 kDa