

Product datasheet for **RC210177A1V**

Human ZP4 (NM_021186) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ZP4 (NM_021186) AAV Particle
Tag:	Myc-DDK
Symbol:	ZP4
Synonyms:	ZBP; Zp-4; ZP1; ZPB
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC210177 representing NM_021186
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGTGGCTGCTGCGGTGCGTTTTGCTGTGTGTTTCATTATCTCTTGCTGTGAGTGCCAGCATAAGCCTG
 AGGCACCAAGATTATTCAGTGTGCTCCACTGTGGGCCGTGGAGCTTCCAGTTTGCTGTAAACCTCAACCA
 GGAGGCAACGTCTCCTCCTGTACTAATAGCTTGGGACAACCAAGGGCTGCTGCACGAGCTGCAGAATGAC
 TCCGACTGTGGCACCTGGATAAGAAAAGGTCCAGGCAGCTCCGTGGTGTGGAGGCAACCTATAGCAGCT
 GCTATGTCACTGAGTGGGACTCCACTACATCATGCCAGTTGGAGTTGAAGGAGCAGGCGCGCTGAACA
 CAAGGTGGTTACAGAGAGGAAGCTGCTCAAGTGTCTATGGATCTTCTAGCCCGAGATGCTCCAGATACT
 GACTGGTGTGACTCCATCCAGCACGGGACAGACTGCCATGTGCACCTTACCCATCTCTCGAGGAGACT
 GTGAAGGGCTAGGCTGTTGTTATAGCTCTGAAGAGGTGAATTCCTGCTACTATGGAACACTGTGACCTT
 GCATTGTACCCGAGAGGGCCATTCTCTATTGTGTGTCTCGAACGTGACCTCGCCACCACTGTCTTTG
 GATTCTGTGCGCTTGGCCCTTAGGAATGACAGTGCGTGTAAACCTGTGATGGCAACACAAGCTTTTGTTT
 TGTTCCAGTTTCCATTACTTCTGTGGCACCACAAGACAGATCACTGGAGACCGAGCAGTATATGAAAA
 TGAAGTGGTGGCAACTAGGGATGTGAAAAATGGAGCCGTGGCTCTGTCACTCGTGACAGCATCTTCAGG
 CTCCATGTGAGCTGCAGTACTCAGTAAGTAGCAACTCTCTCCAATCAATGTCCAGGTTTTCACTCTCC
 CACCACCTTTCTGAGACCCAGCCTGGACCCCTCACTCTGGAAGTTTCAAGATTGCCAAAGATAAAAACTA
 TGGCTCTTACTACGGTGTGGTACTACCCAGTGGTGAAGTTGCTTCGGGATCCATTACGTGGAGGTC
 TCCATCCTTACAGAACAGACCCCTACCTGGGGCTGCTCTACAACAGTGTGGGCAACACCCAGCACTG
 ACCCCCTGAGTCAGCCACAGTGGCCCATCTGGTAAAGGGCTGCCCTACATTGGAGACAACATATCAGAC
 CCAGCTGATCCCTGTCCAGAAAGCCTTGGATCTTCCATTCCCTCTCACCACCAGCGCTTCAGCATCTTC
 ACCTTCAGCTTTGTGAACCTACAGTGGAGAAACAGGCCCTCAGGGGACCGGTGCATCTGCACTGCAGCG
 TGTCAGTCTGCCAGCCTGCTGAGACACCATCTGTGTGGTGACCTGTCTGATCTCAGTCGAAGAAGAAA
 TTTTGACAACAGTTCTCAGAACACTACTGCTAGTGTCTTAGCAAAGGCCCATGATTCTACTCCAAGCC
 ACTAAGGACCTCCAGAAAAGCTCCGTGTTCTGTAGACTCGAAAGTTCTGTGGTGGCAGGCTTTCTG
 GGACCTTAATCCTTGGAGCCTTGTTAGTATCTACTTGGCTGTCAAGAAACAGAAGAGTTGCCAGACCA
 AATGTGTCAA

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MWLLRCVLLCVSLSLAVSGQHKPEAPDYSSVLHCGPWSFQFAVNLNQEATSPPVLIAWDNQGLLHELQND
 SDCGTWIRKGPSSVLEATYSSCYVTEWDSHYIMPVGVEGAGAAEHKVTERKLLKCPMDLLARDAPDT
 DWCDSSIPARDRLPCAPSPISRGDCEGLGCCYSSEEVNSCYYGNTVTLHCTREGHFSIAVSRNVTSPPLLL
 DSVRLALRNDSSACNPVMTQAFVLFQFPFTSCGTTRQITGDRAYENELVATRDVKNRSRGSVTRDSIFR
 LHVSCSYSSVSSNLPINVQVFTLPPFPETQPGPLTLELQIAKDKNYGSYYGVDYPVVKLLRDPYVEV
 SILHRTDPYLLGLLQQCWATPSTDPLSQPQWPILVKGCPIYGDNYQTQLIPVQKALDLPFSPHHQRFISIF
 TFSFVNPTVEKQALRGPVHLHCSVSVQCQPAETPSCVVTCPDLRNRNFDNSSQNTTASVSSKGPMLLQA
 TKDPPEKLRVPVDSKVLWVAGLSGTLILGALLVSYLAVKKQKSCPDQMCQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_021186

ORF Size:	1620 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_021186.3</u>
RefSeq Size:	2474 bp
RefSeq ORF:	1623 bp
Locus ID:	57829
UniProt ID:	<u>Q12836</u>
Cytogenetics:	1q43
MW:	59.4 kDa