

Product datasheet for **RC229364A1V**

Human ZYG11A (NM_001004339) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	ZYG11A
Synonyms:	ZYG11
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC229364 representing NM_001004339
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTTTCATTTCTTGCACCCGGGCCACACGCCCGGAACATCGTCCCTCCTGACGCTCAGAAGGATGCC
TGGGCTGCTGCGTGGTACAGGAAGAGGCATCTCCCTACACTTTGGTCAACATCTGCCTGAATGTCCTGAT
TGCTAACCTGGAGAAAATGTGTTCTGAAAGACCTGATGGAACACTGTGCCCTCCGGAGCATTGGAGTTTC
CCTCAGGAAGTAGCCGAGCATTCTCAGGGTATGACTTGGCAAGGCAAGTACTGACAGAACAGCCA
GCATTTCCGAGGCAACCAATGAACTGAAGCTGGTCAATATCCAAAAAGTAAAACTCTACAGCTGC
ATTCATAAAAAGCCTTCTGCCGTCAATAGCTCATTGAACTGAATGCTACTGCAAGTGCACGCTGACCTCCA
GTTCCAGACATCATAAGTGGACTCTGCAGCAATAGGTGGATCCAGCAAAACCTCCAGTGTCTCCTGTTAG
ACTCGACAAGCATCCCTCAAAATCAAGATTACTGTTCTTTAGTCAGCTCACTGGTCTTCGATTTTAAAG
TGTTTTAATGTTGTTTTCACTGAAGACCTGGCTAATGTTTCTCAGTACCAAGACTGGAAAGCTTA
GATATCTCTAATACTCTAGTCACTGATATTTCTGCACTGCTTACCTGTAAGGATCGATTGAAGTCTCTCA
CAATGCACTATCTGAAATGCCTGGCCATGACCAAAATCAAAATCTTGCAGTATTAGAGAATTAATG
TCTGCTTACCTTGATATTTCTGATCACAGGCAACTCAAAATCAGACCTAGCTTTTCATTTGCTACAGCAG
AAGGATATCCTGCCAATGTTGTGTCATTGGATATTTCTGGGGCAATTGCATCACTGATGAAGCTGTAG
AACTGTTTATACGACTGCGGCCCTGCCATGCAATTTGTGGACTATTGGCCACGGATGCTGGCTCTTCTGA
CTTCTTTACTACAAAGCAAGGCTTGAAGGTTGCTGGAGGAGCCAGTATGAGTCAGATTTCAGAAGCACTG
AGCCGATACAGGAACAGATCATGTTTTGTGAAGGAAGCCCTCCACAGGCTGTTACAGAGACATTTTCAA
TGGAGGTAACCATGCCTGCTATTTTAAAGCTTGTGGCTATAGGAATGAGGAATCACCATTGGATTTGCG
AGTGCAGTTACAGCCAGTGTGCTGCTCAACCTAACACGCCAGGGCTGGCCAAGGGGATGCCTGTT
CGCCTGTTGTCAGAGGTCACCTGTCTACTTTTCAAGGCTCTGAAAAATTTCCCCATTACCAGCAGTTAC
AGAAGAATTGCTTCTCTCCTTAACCAATCCAGGATCTTGTGGATGTTCCATTTGACAGGTTTGATGC
TGCCAAGTTGTGTCATGAGATGGCTCTGTAAGCATGAAAACCCCAAGATGCAACAATGGCAGTGAAGTGC
ACCTCTATTCTGGCTCTGCACTCTCACCTGAGCAAAACGGCACAGCTTGAAGAGCTTTTCATGGCAGTTA
AGGAACTTCTAGCAATAGTAAAAACAAAAGACTACTGAGAATTTAGATGATGTCACCTTCTTGTTTACTTT
GAAAGCACTTTGGAATCTTACAGATGGGTCTCCAGCTGCCTGCAAGCACTTATTGAAAAATCAAGGATTG
CAAATCTTCAAGTCTTGGAGACCTTTTCAAGTCAAGCAATACAAAGCAAGTACTTGGTCTTTTGA
ACAACATAGCAGAAGTCAAGAGCTCTTCCAAAGCTGGTGACCGAAGATGTGCTGAAGCATATCAACAG
TTTACTCTGTAGCAGGAAATGGAAGTCAAGTATTTTGTGCAAGTATCATAGCCACCTGCATCTGAC
AGACAGCTTTGGATATCCCGTACTCCAGAGGCGTACTCTTCCAAAGATCTGCATGCAACCATACAGA
ATTGGCCAAGTTCAAGTTGTAAGATGACAGCATTGGTGACCTATAGATCTTTCAAGACATTTTCCCGCT
CCTTGGCAACTTCTCAACCAGAGGTTCAAGCTCTGGCACTATGGGCTATGTATCATGTCTGCAGTAAA
AATCCAGCAAACTACTGAAAAATGTTAGTTGAAGAAAGGATTGCAGCTTTTGTGTGATATCCAGGAGC
ACAGTGAGGCAACCCCAAGCACAGCAGATTGCAGCCTCCATTCTGGATGACTTCAGAATGCATTTTCAT
GAATTATCAGAGGCCACTCTGTGCAAAATGCCCTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC229364 representing NM_001004339 Red=Cloning site Green=Tags(s) MVHFLHPGHTPRNIVPPDAQKDALGCCVVQEEASPYTLVNICLNVLIANLEKLCSERPDGTLCLPEHWSF PQEVAERFLRVMWQGLTDRITASIFRGNQMKLKLVNIQKAKISTAAFIFKAFCRHKLIELNATAVHADLP VPDIISGLCSNRWIQQNLQCLLLDSTSIPQNSRLLFFSQLTGLRILSVFNVCFHTELANVSQLPRLES DISNTLVTDISALLTCKDRLKSLTMHYLKCLAMTKSQILAVIRELKCLLHLDISDHRQLKSDLAFLHLLQQ KDILPNVVSLDISGGNCITDEAVELFIRLRPAMQFVGLLATDAGSSDFFTTKQGLRVAGGASMSQISEAL SRYRNRSCFVKEALHRLFTEFVSMEVTMPAILKLVVAIGMRNHPLDLRVQFTASACALNLTRQGLAKGMPV RLLSEVTCLLFKALKNFPHYQQLQKNCLLSLNSRILVDVPFDRFDAKFVMRWLCCKHENPKMQTMAVSV TSILALQLSPEQTAQLEELFMAVKELLAIVKQKTTENLDDVTFLFLTKALWNLTDGSPAACKHF IENQGL QIFIQVLETFSESAIQSKVLGLLNNAEVRELSKLVTEVDLKHINSLCSREMEVSYFAAGTIAHLTSD RQLWISRDFQRRLLQDLHATIQNWPSSCKMTALVTYRSFKTFFPLLGNFSQPEVQLWALWAMYHVCSK NPSKYCKMLVEEGLQLLCDIQEHSEATPKAQQIAASILDDFRMHFMNYQRPTLCQMPF TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001004339
ORF Size:	2277 bp
Buffer:	PBS with 0.001% Pluronic F9633
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_001004339.2</u>
RefSeq ORF:	2280 bp
Locus ID:	440590
UniProt ID:	<u>Q6WRX3</u>
Cytogenetics:	1p32.3
MW:	85.6 kDa