

Product datasheet for **RC206193A1V**

Human ZFYVE27 (NM_144588) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Human ZFYVE27 (NM_144588) AAV Particle
Tag: Myc-DDK
Symbol: ZFYVE27
Synonyms: PROTRUDIN; SPG33
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC206193 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCAGACATCAGAACGTGAGGGGAGTGGGCCGGAGCTGAGCCCCAGCGTGATGCCCGAGGCTCCCCTGG
 AGTCTCCACCTTTTCCTACCAAGTCCCCAGCGTTTGACCTTTTCAACTTGGTTCTCTCTACAAGAGGCT
 GGAGATCAACCTGGAACCCTTGAAGGATGCAGGTGATGGTGTTCGATACTTGCTCAGGTGGCAGATGCCT
 TTGTGTTCCCTTGGCTGACCTGCCTGGGCCTCAACGTCTTGTTCCTCACTTTGAATGAGGGTGCATGGTACT
 CAGTAGTGCCTGATGATTTTCAGTGGCCGCTGCTGGGTACCTTCAGGAGGTTTGGCCGGCAGCGCT
 GCCTGATTCAGAGCTGATGCGGAGGAAGTATCATAGCGTGAGGCAGGAGACCTGCAGAGAGTTTCGCTG
 TCTCGTCCCGAGGCCGTGGCTGAGGTGAAGAGCTTCTTGATCCAGCTGGAGGCCTTCTGAGCCGCTGT
 GCTGCACATGTGAAGCCGCTACCGCGTGTGACTGGGAGAACCCCGTCGTGTCCTCACAGTTCTATGG
 GGCTCTTCTGGGCACAGTCTGCATGCTGTATTTGCTGCCACTCTGCTGGGTTCTCACCTTTTAAACAGC
 ACGCTCTTCTGGGGAATGTGGAGTTCTCCGAGTTGTGTCTGAGTACAGGGCATCTCTGCAGCAGAGGA
 TGAACCCAAAGCAGGAAGAGCATGCCTTTGAGAGTCTCCACCACCAGATGTTGGGGGAAGGATGGTCT
 GATGGACAGCACGCTGCCCTCACCCACGGAGACCTCACACCGGCAGCGTGGAGGAGGCTGAGGAG
 GCTGAGCCAGATGAAGAGTTTAAAGATGCGATTGAGGAGACCCACTTGGTGGTGTGAGGATGATGAGG
 GCGCCCCGTGCCAGCAGAGGATGAGCTGGCCCTGCAGGACAACGGGTTCTGAGCAAGAATGAGGTGCT
 GCGCAGCAAGGTGCTCGGCTCACGGAGCGGCTCCGCAAGCGCTACCCCAACAACACTTCGGGAAGTGC
 ACGGGTCTCGGCCACCTTCTCAGTGTGAAGAAGAGGCGGAGCTGCAGTAATTGTGAAAACAGCTTCT
 GCTCTCGATGCTCTCTTAAGGTGCCAAGTCATCCATGGGGGCCACAGCCCTGAAGCCAGAGGGA
 GACTGTGTTTGTGTGCTCGTGTAAACAGACCTTGAGCAAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC206193 protein sequence Red=Cloning site Green=Tags(s) MQT SEREGSGPELSPSVMPEAPLESPPFPPTKSPAFDLFNLVLSYKRLEINLEPLKDAGDGVRYLLRWQMP LCSLLTCLGLNVLFLTLNEGAWYSVGALMISVPALLGYLQEVCRARLPDSELMRRKYHSVRQEDLQRVRL SRPEAVA EVKSFLLIQLEAFLSRLCCTCEAAYRVLHWENPVVSSQFYGALLGTVCMYLLPLCWVLLTLLNS TLFLGNVEFFRVVSEYRASLQQRMNPKQEEHAFESPPPPDVGGKDGLMDSTPALTPTEDLTPGSVEEAEAE AEPDEEFKDAIEETHLVVLEDDGAPCPAEDELALQDNGFLSKNEVLRSKVSRLTERLRKRYPTNNGNC TGCSATFSVLKRRRSCSNGNSFCRCCSFKVPKSSMGATAPEAQRET VFCASCNQTL SK TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_144588
ORF Size:	1233 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:	NM_144588.4
RefSeq Size:	3059 bp
RefSeq ORF:	1236 bp
Locus ID:	118813
UniProt ID:	Q5T4F4
Cytogenetics:	10q24.2
MW:	45.8 kDa