

Product datasheet for **RC229865A1V**

Human ZFYVE27 (NM_001174121) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ZFYVE27 (NM_001174121) AAV Particle
Tag:	Myc-DDK
Symbol:	ZFYVE27
Synonyms:	PROTRUDIN; SPG33
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC229865 representing NM_001174121 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGATTTCACTGCCCCCCTGCTGGGCTACCTTCAGGAGGTTTGCCGGGCACGGCTGCCTGATTCCGAGC
TGATGCGGAGGAAGTATCATAGCGTGAGGCAGGAGACCTGCAGAGAGGTCGCCTGTCTCGTCCCGAGGC
CGTGGCTGAGGTGAAGAGCTTCTTGATCCAGCTGGAGGCCTTCCTGAGCCGCCTGTGCTGCACATGTGAA
GCCGCCTACCGCGTGCTGCACTGGGAGAACCCCGTCTGTCTCACAGTTCTATGGGGCTCTTCTGGGCA
CAGTCTGCATGCTGTATTTGCTGCCACTCTGCTGGGTTCTCACCTTTTAAACAGCACGCTCTTCTGGG
GAATGTGGAGTTCTCCGAGTTGTCTGAGTACAGGGCATCTCTGCAGCAGAGGATGAACCCAAAGCAG
GAAGAGCATGCCTTTGAGAGTCCTCCACCACCATGTTGGGGGAAGGATGGTCTGATGGACAGCACGC
CTGCCCTCACACCCACGGAGAGTCTCTCTCCAGGACCTCACACCGGCAGCGTGGAGGAGGCTGAGGA
GGCTGAGCCAGATGAAGAGTTTAAAGATGCGATTGAGGAGGATGATGAGGGCGCCCCGTGCCAGCAGAG
GATGAGCTGGCCCTGCAGGACAACGGGTTCTGAGCAAGAATGAGGTGCTGCGCAGCAAGGTGTCTCGGC
TCACGGAGCGGCTCCGAAGCGCTACCCACCAACAATTCGGGAAGTGCACGGGCTGCTCGGCCACCTT
CTCAGTCTGAAGAAGAGCGGAGCTGCAGTAATTGTGAAACAGCTTCTGCTCTCGATGCTGCTCTTC
AAGGTGCCAAGTCTCCATGGGGGCCACAGCCCTGAAGCCAGAGGGAGACTGTGTTGTGTGTGCCT
CGTGAACCAGACCTTGAGCAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC229865 representing NM_001174121 Red=Cloning site Green=Tags(s) MISVPALLGYLQEVCRARLPDSELMRRKYHSVRQEDLQGRLSRPEAVA EVKSFLIQLEAFLSRLCCTCE AAYRVLHWENPVVSSQFYGALLGTVCMLYLLPLCWVL TLLNSTLFLGNVEFFRVVSEYRASLQQRMPKQ EEHAFESPPPPDVGGKDGLMDSTPAL TPTESLSSQDLTPGSVEEAEEAEPDEEFKDAIEEDDEGAPCPAE DELALQDNGFLSKNEVLRSKVSRLTERLRKRYPTNNFGNCTGCSATF SVLKKRRSCSNCNGSFCSRCCSF KVPKSSMGATAPEAQRET VFCASCNQTL SK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001174121
ORF Size:	933 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_001174121.1, NP_001167592.1</u>
RefSeq ORF:	936 bp
Locus ID:	118813
UniProt ID:	<u>Q5T4F4</u>
Cytogenetics:	10q24.2
MW:	35.1 kDa