

Product datasheet for **RC222987A1V**

Human ZFYVE27 (NM_001002262) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	ZFYVE27
Synonyms:	PROTRUDIN; SPG33
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC222987 representing NM_001002262 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCAGACATCAGAACGTGAGGGGAGTGGGCCGAGCTGAGCCCCAGCGTGATGCCGAGGCTCCCTGG
AGTCTCCACCTTTTCTACCAAGTCCCCAGCGTTTACCTTTTCACTTGGTTCTCTCTACAAGAGGCT
GGAGATCTACTGGAACCTTGAAGGATGCAGGTGATGGTGTTCGATACTTGCTCAGGTGGCAGATGCCT
TTGTGTTCTTGCTGACCTGCCTGGGCCTCAACGTCTTGTTCCTCACTTTGAATGAGGGTGCATGGTACT
CAGTAGGTGCCCTGATGATTTTCACTGCCCGCCCTGCTGGGCTACCTTCAGGAGGTTTGCCGGGCACGGCT
GCCTGATTCGAGCTGATGCGGAGGAAGTATCATAGCGTGAGGCAGGAGGACCTGCAGAGAGGTCGCCTG
TCTCGTCCCAGGCGGTGGCTGAGGTGAAGAGCTTCTTGATCCAGCTGGAGGCCTTCCTGAGCCGCTGT
GCTGCACATGTGAAGCCGCTACCGCGTGTGCACTGGGAGAACCCGTCGTGCTCCTCACAGTTCTATGG
GGCTCTTCTGGGCACAGTCTGCATGCTGTATTTGCTGCCACTCTGCTGGGTTCTCACCTTTTAAACAGC
ACGCTCTTTCTGGGAATGTGGAGTTCTTCCGAGTTGTGTCTGAGTACAGGGCATCTCTGCAGCAGAGGA
TGAACCCAAAGCAGGAAGAGCATGCCTTTGAGAGTCTCCACCACCAGATGTTGGGGGAAGGATGGTCT
GATGGACAGCACGCTGCCCTCACACCCACGGAGGACCTCACACCGGGCAGCGTGAGGAGGCTGAGGAG
GCTGAGCCAGATGAAGAGTTTAAAGATGCGATTGAGGAGGATGATGAGGCGCCCCGTGCCAGCAGAGG
ATGAGCTGGCCCTGCAGGACAACGGTTCTGAGCAAGAATGAGGTGCTGCGCAGCAAGGTGTCTCGGCT
CACGGAGCGGCTCCGCAAGCGCTACCCACCAACAACCTTCGGGAACCTGCACGGGCTGCTCGGCCACCTTC
TCAGTGCTGAAGAAGAGCGGAGCTGCAGTAATTGTGGAAACAGCTTCTGCTCTCGATGCTGCTCTTCA
AGGTGCCCAAGTCTCCATGGGGGCCACAGCCCTGAAGCCCAGAGGGAGACTGTGTTGTGTGCTCCTC
GTGTAACCAGACCTTGAGCAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC222987 representing NM_001002262 Red=Cloning site Green=Tags(s) MQTSEREGSGPELSPSVMEAPLESPPFPTKSPAFDLFNLVLSYKRLEIYLEPLKDAGDGVRYLLRWQMP LCSLLTCLGLNVFLTLNEGAWYSVGALMISVPALLGYLQEVCRARLPDSELMRRKYHSVRQEDLQGRGL SRPEAAEVKSFLIQLEAFLSRLCCTCEAAYRVLHWENPVVSSQFYGALLGTVCMYLLPLCWVLTLLNS TLFLGNVEFFRVVSEYRASLQQRMNPKQEEHAFESPPPPDVGGKDGLMDSTPALTPTEDLTPGSVEEAE AEPDEEFKDAIEEDDEGAPCPAEDELALQDNGFLSKNEVLRSKVSRLTERLRKRYPTNNGNCTGCSATF SVLKKRRSCSNCGNSFCRCCSFKVPKSSMGATAPEAQRETTFVCASCNQTLTK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001002262
ORF Size:	1212 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_001002262.1</u>
RefSeq Size:	3009 bp
RefSeq ORF:	1215 bp
Locus ID:	118813
UniProt ID:	<u>Q5T4F4</u>
Cytogenetics:	10q24.2
MW:	44.9 kDa