

Product datasheet for RC201730A1V

Human gamma Actin (ACTG1) (NM_001614) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human gamma Actin (ACTG1) (NM_001614) AAV Particle
Tag:	Myc-DDK
Symbol:	gamma Actin
Synonyms:	ACT; ACTG; DFNA20; DFNA26; HEL-176
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC201730 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGCATCGCC

ATGGAAGAAGAGATCGCCGCGCTGGTCATTGACAATGGCTCCGGCATGTGCAAAGCTGGTTTTGCTGGGG
ACGACGCTCCCGAGCCGTGTTTCCTCCATCGTCGGGCGCCCCAGACACCAGGGCGTCATGGTGGGCAT
GGGCCAGAAGGACTCCTACGTGGGCGACGAGGCCAGAGCAAGCGTGGCATCCTGACCCTGAAGTACCCC
ATTGAGCATGGCATCGTACCAACTGGGACGACATGGAGAAGATCTGGCACCACACCTTCTACAACGAGC
TGCGCGTGGCCCCGGAGGAGCACCCAGTGTCTGACTGACCGAGGCCCCCTGAACCCCAAGGCCAACAGAGA
GAAGATGACTCAGATTATGTTTGAGACCTTCAACACCCCGCCATGTACGTGGCCATCCAGGCCGTGCTG
TCCCTCTACGCCCTCTGGGCGCACCACTGGCATTGTCATGGACTCTGGAGACGGGGTCAACCACACGGTGC
CCATCTACGAGGGCTACGCCCTCCCCACGCCATCCTGCGTCTGGACCTGGCTGGCCGGGACCTGACCGA
CTACCTCATGAAGATCCTCACTGAGCGAGGCTACAGCTTACCACCACGGCCGAGCGGGAAATCGTGCGC
GACATCAAGGAGAAGCTGTGCTACGTGCGCCTGGACTTCGAGCAGGAGATGGCCACCGCCGATCCTCCT
CTTCTCTGGAGAAGACTACGAGCTGCCGATGGCCAGGTCATCACCATTGGCAATGAGCGGTTCCGGTG
TCCGGAGGCGCTGTTCCAGCCTTCCTTCTGGTATGGAATCTTGCGGCATCCACGAGACCCTTCAAC
TCCATCATGAAGTGTGACGTGGACATCCGAAAGACCTGTACGCCAACACGGTGTCTGCGGCGGCCACCA
CCATGTACCCGGCATTGCCGACAGGATGCAGAAGGAGATCACCGCCCTGGCGCCAGCACCATGAAGAT
CAAGATCATCGCACCCAGAGCGCAAGTACTCGGTGTGGATCGGTGGCTCCATCCTGGCCTCACTGTCC
ACCTTCCAGCAGATGTGGATTAGCAAGCAGGAGTACGACGAGTCGGGCCCTCCATCGTCCACCGCAAAT
GCTTC

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTAA



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Protein Sequence:	<p>>RC201730 protein sequence Red=Cloning site Green=Tags(s)</p> <p>MEEEIAALVIDNGSGMCKAGFAGDDAPRAVFPISIVGRPRHQGVMMGMGQKDSYVGDEAQS KRGIL TLKYP IEHGIVTNWDDMEKIWHHTFYNELRVAPEEHPVLLTEAPLNPKANREKMTQIMFETFNT PAMYVAIQAVL SLYASGRRTTGIVMDSGDGVTHTVPIYEGYALPHAILRLDLAGRDLTDYLMKILTERGYSFTTTAEREIVR DIKEKLCYVALDFEQEMATAAASSSSLEKSYELPDGQVITIGNERFRCPEALFQPSFLGMESC GIHETTFN SIMKCDVDIRKDL YANTVLSGGTTMYPGIADRMQKEITALAPSTMKIKIIAPPERKYSVWIGGSILASLS TFQQMWISKQEYDESGPSIVHRKCF</p> <p>TRTRPLEQKLI SEEDLAANDILDYKDDDDKV</p>
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001614
ORF Size:	1125 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_001614.2
RefSeq Size:	2004 bp
RefSeq ORF:	1128 bp
Locus ID:	71
UniProt ID:	P63261
Cytogenetics:	17q25.3
MW:	41.8 kDa