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Product datasheet for RC218946A1V

Human ARHGEF7 (NM_003899) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ARHGEF7 (NM_003899) AAV Particle
Tag:	Myc-DDK
Symbol:	ARHGEF7
Synonyms:	BETA-PIX; COOL-1; COOL1; Nbla10314; P50; P50BP; P85; P85COOL1; P85SPR; PAK3; PIXB
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence:

>RC218946 representing NM_003899
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGACCGATAATAGCAACAATCAACTGGTAGTAAGAGCAAAGTTTAACTTCCAGCAGACCAATGAGGACG
AGCTTTCCTTCTCAAAAGGAGACGTCATCCATGTCACCCGTGTGGAAGAGGGAGGCTGGTGGGAGGGCAC
ACTCAACGGCCGGACCGGCTGGTTCCCCAGCAACTACGTGCGCGAGGTCAAGGCCAGCGAGAAGCCTGTG
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ACAATGTGGTGCTACAGAATATTTTAGAAACAGAAAATGAATATTCTAAAGAACTTCAGACTGTGCTTTC
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ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC218946 representing NM_003899
Red=Cloning site Green=Tags(s)

MTDNSNNQLVVRAKFNFQQTNEDELSFSKGDVIHVTRVEEGGWWEGTLNGRTGWFPSNYVREVKASEKPV
SPKSGTLKSPPKGFDTTAINKSYYNVVLQNILETENEYSKELQTVLSTYLRPLQTSEKLSSANISYLMGN
LEEICSFQQMLVQSLEECTKLPEAQQRVGGCFLNLMPQMKTLYLTYCANHPSAVNVLTEHSEELGEFMET
KGASSPGILVLTTGLSKPFMRLDKYPTLLKELERHMEDYHTDRQDIQKSMAAFKNLSAQCQEVRKRKELE
LQILTEAIRNWEGDDIKTLGNVTYMSQVLIQCAGSEEKNERYLLLFPNVLLMLSASPRMSGFIYQGKLPT
TGMTITKLEDSENHRNAFEISGSMIERILVSCNNQQDLQEWVEHLQKQTKVTSVGNPTIKPHSVPSHTLP
SHPVTPSSKHADSKPAPLTPAYHTLPHPSHHGTPHTTINWGPLEPPKTPKPWSLSCLRPAPPLRPSAALC
YKEDLSKSPKTMKKLLPKRKPERKPSDEEFASRKSTAALEEDAQILKVIEAYCTSAKTRQTLNSSSRKES
APQVLLPEEEKIIVEETKSNGQTVIEEKSLVDTVYALKDEVQELRQDNKKMKKSLEEEQRARKDLEKLVR
KVLKNMNDPAWDETNL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_003899

ORF Size: 1938 bp

Buffer: PBS with 0.001% Pluronic F7924

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_003899.2

RefSeq Size: 5032 bp

RefSeq ORF: 1941 bp

Locus ID: 8874

UniProt ID: Q14155

Cytogenetics: 13q34

MW: 73 kDa