

Product datasheet for **RC225914A1V**

Human ARHGEF3 (NM_001128616) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	ARHGEF3
Synonyms:	GEF3; STA3; XPLN
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC225914 representing NM_001128616
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGATTGAGGTTTGCCACCACAATTGGCTACTTTGGCTTTGCCCATCAAAATTTGGTATCTTCATGTGCT
 GTCTAGCATCTACTACAGGTACAGTGGAGCTTAGGAGGACAAGGGAGCCTAGTAATAAACGGGTCAAACC
 CCTTTCCCGAGTCACGTCGCTAGCAAACCTCATCCCGCCCGTGAAGGCCACGCCATTAAGCGCTTCAGT
 CAAACCCTGCAGCGCTCCATTAGCTTCCGAGTGAGAGCCGCCCTGACATCCTCGCCCCCGACCCTGGT
 CCAGAAATGCCGCCCTCGAGCACGAAACGGAGAGATAGCAAGCTGTGGAGTGAGACCTTCGATGTGTG
 CGTCAATCAGATGCTTACATCCAAGGAAATCAAACGTGAGGAGCGATCTTTGAGCTTTCCCAAGGAGAA
 GAAGACTTGATAGAAGACTTGAAATAGCAAAAAAGGCCTATCATGACCCCATGCTGAAACTCTCCATAA
 TGACAGAACAAGAGTTGAATCAATTTTGAACACTGGACTCTAATTCCTCTACATGAAGAGCTCCT
 TAGTCAGTTCGAGATGTTAGGAAGCCTGATGGCTCGACTGAACATGTTGGTCCCATCCTCGTGGGCTGG
 CTCCCTTGCTCAGCTCCTATGATAGCTACTGCAGCAATCAAGTAGCCGCCAAAGCTCTGCTGGACCACA
 AAAAGCAAGATCACCGAGTCCAGGATTTCTACAGCGATGTTTAGAATCCCCCTTTAGCCGCAAACTAGA
 TCTCTGGAATTTCTCGATATTCAGAAGCCGCTGGTAAAAACCTCTGCTTCTCCGAGAAATCTTG
 AGGCACACACCAATGATAATCCAGATCAGCAGCACTTGAAGAAGCTATAAATATCATTAGGGAATTG
 TGGCAGAAATCAACACCAAGACTGGTGAATCTGAATGCCGCTATTATAAAGAGCGGCTTCTTTACTTGA
 AGAAGGCCAGAAAGACTCCCTGATCGACAGCTCTCGAGTCTTGTGTTGTCATGGTGAAGTGAAGAACAAT
 CGGGGCGTGAAGTGCATGTTTTCTGTTCCAAGAAGTCTTGTGATCACTCGAGCCGTACCCACAATG
 AGCAGCTTTGCTACCAGCTGTACCGTCAGCCAATCCCCGTGAAAGACCTCTGCTGGAAGACCTCCAGGA
 TGGAGAAGTGAGGCTGGGTGGCTCCCTGCGAGGGGCATTGAGCAACAATGAGAGAATAAAAACTTCTTC
 AGAGTCAGTTTCAAAATGGATCCCAAAGTCAGACCCACTCGCTACAAGCCAATGACACTTTCAACAAAC
 AGCAGTGGCTTAAGTGTATTCGTCAAGCCAAGAAACAGTTTTGTGTGCTGCCGGGCAAGCTGGGGTGT
 TGACTCCGAGGATCGTTCTAATCCCACCACCGGAGCAGAGAGCTACAGGGAGAAACAAACTTGAG
 CAGATGGACCAATCGGACAGTGAGTCAGACTGTAGTATGGACACGAGTGAGGTGAGCCTCGACTGTGAGC
 GCATGGAACAGACAGACTCTTCTGTGGAACAGCAGGCACGGTGAAGTAACGTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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MIEVCHHNWLLWLCPKFGIFMCLASTTGQMELRRTREPSNKRKPLSRVTSANLIPPVKATPLKRF
 QTLQRSISFRSESRPDILAPRWSRNAAPSSTKRRDSKLWSETFDVCVNQLTSKEIKRQEAI
 FELSQGE
 EDLIEDLKLAKKAYHDPMLKLSIMTEQELNQIFGTLDSLIPLHEELLSQLRDVRKPDGSTE
 HVGPILVG
 WLPCLSSYDSYCSNQVAAKALLDHKKQDHRVQDFLQRCLESPFSRKLDLWNFLDIPRSRL
 VKYPLLLREIL
 RHTPNNDPDQHLLEAINIIQGIIVAEINTKTGESECRYKERLLYLEEGQKDSLIDSSRVL
 CCHGELKNN
 RGVKLHVFLFQEVLVITRAVTHNEQLCYQLYRQPIPVKDLLLEDLQDGEVRLGGSLRGA
 FSNNERIKNFF
 RVSFKNGSQSTHSLQANDTFNKQQLNLCIRQAKETVLCAGQAGVLDSEGSFLNPTTGS
 RELQGETKLE
 QMDQSDSESDCSMDTSEVSLDCERMEQTDSSCGNSRHGESNV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human
Serotype: AAV-2
ACCN: NM_001128616
ORF Size: 1596 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_001128616.1
RefSeq ORF:	1599 bp
Locus ID:	50650
UniProt ID:	Q9NR81
Cytogenetics:	3p14.3
MW:	60.6 kDa