

Product datasheet for **RC205498A1V**

Human **RASGEF1A** (NM_145313) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human RASGEF1A (NM_145313) AAV Particle
Tag:	Myc-DDK
Symbol:	RASGEF1A
Synonyms:	CG4853
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC205498 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGCCGCAGACGTCCGTTGTCTTCTCCAGCATCCTTGGGCCAGCTGTAGCGGACAGGTGCAGCCTGGCA
 TGGGGGAGCGTGGAGGCGGGGCCGGTGGCGGCTCCGGGACCTCATCTTCCAAGATGGACACCTCATCTC
 TGGGTCCCTGGAGGCCCTGATGGAGCACCTTGTCCACGGTGGACTATTACCCGATAGGACGTACATC
 TTCACCTTTCTCCTGAGCTCCCGGGTCTTTATGCCCTCATGACCTGCTGGCCCGCTGGGGCAGATCT
 GCGTGGAGCAGAAGCAGCAGCTGGAAGCCGGGCTGAAAGGCCAAGCTGAAGTCTTTCTCAGCCAAGAT
 CGTGCAGCTCCTGAAGGAGTGGACCGAGGCCTTCCCTATGACTTCCAGGATGAGAAGGCCATTGCCGAG
 CTGAAAGCCATCACACACCGTGTACCCAGTGTGATGAGGAGAATGGCAGTGAAGAAGGCCATTGCCGAG
 AGATGACACAGAGCCTGTTGCTGCTTGGCTGCCCGAGCCAGCTCCAGGAAGTGCAGAGAAGCTCCG
 GCCACCGGCTGTAGACAAGGGGCCATCCTCAAGACCAAGCCACCAGCCGCCAGAAGGACATCTGGGC
 GTGTGCTGCGACCCCTGGTGTGGCCAGCAGCTGACTCACATTGAGCTGGACAGGGTACGAGCATTT
 ACCCTGAGGACTTGATGCAGATCGTCAGCCACATGGACTCATTGGACAACCACAGGTGCCGAGGGGACCT
 GACCAAGACCTACAGCCTGGAGGCCTATGACAACTGGTTCAACTGCCTGAGCATGCTGGTGGCCACTGAG
 GTGTGCCGGTGGTGAAGAAGAAACACCGGACCCGCATGTTGGAGTTCTTCATTGATGTGCCCGGGAGT
 GCTTCAACATCGGAACTTCAACTCCATGATGGCCATCATCTTGGCATGAACCTCAGTCTGTGGCAAG
 GCTGAAGAAAATTGGTCCAAGTCAAGACAGCAAGTTTGTGTTGGAGCATCACATGGACCCGTCC
 AGCAACTTCTGCAACTACCGTACAGCCCTGCAGGGGCCACGCAGAGGTCCAGATGGCCAACAGCAGCC
 GTGAAAAGATCGTCATCCCTGTGTTCAACTCTTCGTTAAGGACATCTACTTCTGCACAAAATCCATAC
 CAACCACCTGCCCAACGGGCACATTAACCTTTAAGAAATTCTGGGAGATCTCCAGACAGATCCATGAGTTC
 ATGACATGGACACAGGTAGAGTGTCTTTCGAGAAGGACAAGAAGATTACAGTTACCTGCTCACGGCGC
 CCATCTACAGCGAGGAAGCTCTCTTCGTCGCTCCTTTGAAAGTGAGGGTCCCGAGAACCACGTGAAAA
 AGACAGCTGGAAGACCTCAGGACCACCTTCTGAACAGAGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC205498 protein sequence
 Red=Cloning site Green=Tags(s)

MPQTSVVFSSILGPSCSGVQPGMGERGGGAGGSGDLIFQDGHLSGSLEALMEHLVPTVDYYPDRTYI
 FTFLSSRVFMPPHLLARVGQICVEQKQQLKSAKIVQLLEWTEAFPYDFQDEKAMAE
 LKAITHRVTCDEENGTVKKAIAQMTQSLLLSLAARSQLELREKLPPAVDKGPILKTKPPAAQKDILG
 VCCDPLVLAQQLTHIEDRVSSIYPEDLMQIVSHMDSLDNHRRCGDLTKTYSLEAYDNWFNCLSMVLATE
 VCRVVKKKHRTRMLEFFIDVARECFNIGNFNSMMAIISGMNLSVARLKKTSKVKTAKFVLEHHMDPS
 SNFCNYRTALQGATQRSQMANSREKIVIPVFNLFVKDIYFLHKIHTNHLPNGHINFKFWEISRQIHEF
 MTWTQVECPFEKDKKIQSYLLTAPIYSEALFVASFESEGPENHVEKDSWKTLRITLLNRA

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_145313

ORF Size:

1443 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_145313.2</u>
RefSeq Size:	3243 bp
RefSeq ORF:	1446 bp
Locus ID:	221002
UniProt ID:	<u>Q8N9B8</u>
Cytogenetics:	10q11.21
MW:	54.5 kDa