

Product datasheet for **RC217525A1V**

Human RASGRP2 (NM_153819) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human RASGRP2 (NM_153819) AAV Particle
Tag:	Myc-DDK
Symbol:	RASGRP2
Synonyms:	CALDAG-GEFI; CDC25L
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC217525 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGCAGGCACCCTGGACCTGGACAAGGCTGCACGGTGGAGGAGCTGCTCCGCGGTGCATCGAAGCCT
 TCGATGACTCCGGGAAGGTGCGGACCCGCAGCTGGTGCATGTTCTCATGATGCACCCTGGTACAT
 CCCCTCCTCTCAGCTGGCGGCCAAGCTGCTCCACATCTACCAACAATCCCGAAGGACAACCTCCAATTCC
 CTGCAGGTGAAAACGTGCCACCTGGTCAAGTACTGGATCTCCGCTTCCAGCGGAGTTTGACTTGAACC
 CGGAGTTGGTGAAGCAGATCAAGGAGCTGAAGGCTCTGCTAGACCAAGAAGGGAACCGACGGCAGCAG
 CCTAATCGACATAGACAGCGTCCCTACCTACAAGTGAAGCGGCAGGTGACTCAGCGGAACCTGTGGGA
 CAGAAAAAGCGCAAGATGTCCCTGTTGTTTGACCACCTGGAGCCCATGGAGCTGGCGGAGCATCTCACCT
 ACTTGGAGTATCGCTCCTTCTGCAAGATCCTGTTTCAGGACTATCACAGTTTCGTGACTCATGGTCGAC
 TGTGGACAACCCCGTCTGGAGCGGTTCATCTCCCTCTTCAACAGCGTCTCACAGTGGGTGCAGCTCATG
 ATCCTCAGCAAACCCACAGCCCCGACGGGGCCCTGGTATCACACACTTTGTCCACGTGGCGGAGAAGC
 TGCTACAGCTGCAGAATTCAACACGCTGATGGCAGTGGTGGGGGCTGAGCCACAGCTCCATCTCCCG
 CCTCAAGGAGACCCACAGCCACGTTAGCCCTGAGACCATCAAGCTCTGGGAGGCTCTACGGAACAGTG
 ACGGCGACAGGCAACTATGGCAACTACCGGCGTCGGCTGGCAGCCTGTGTGGGCTTCCGCTTCCCGATCC
 TGGGTGTGCACCTCAAGGACCTGGTGGCCCTGCAGCTGGCACTGCCTGACTGGCTGGACCCAGCCCGGAC
 CCGGCTCAACGGGGCCAAGATGAAGCAGCTCTTAGCATCCTGGAGGAGCTGGCCATGGTGACAGCCTG
 CGGCCACCAAGTACAGGCCAACCCGACCTGCTGAGCCTGCTCACGGTGTCTCTGGATCAGTATCAGACGG
 AGGATGAGCTGTACCAGCTGTCCCTGCAGCGGGAGCGCGCTCCAAGTCTCGCAACCCAGCCCCACGAG
 TTGCACCCACCAACCCCGGCCCGGTACTGGAGGAGTGGACCTCGGCTGCCAAACCCAAAGCTGGATCAG
 GCCCTCGTGGTGGAGCACATCGAGAAGATGGTGGAGTCTGTGTTCCGGAACCTTTGACGTGATGGGGATG
 GCCACATCTCACAGGAAGAATTCAGATCATCCGTGGGAACCTCCCTTACCTCAGCGCCTTTGGGACCT
 CGACCAGAACCAGGATGGCTGCATCAGCAGGGAGGAGATGGTTTCCTATTTCTGCGCTCCAGCTCTGTG
 TTGGGGGGGCGCATGGGCTTCTGACAACTTCCAGGAGAGCAACTCCTTGCGCCCCGTCGCTGCCGCC
 ACTGCAAAGCCCTGATCCTGGGCATCTACAAGCAGGGCCTCAAATGCCGAGCCTGTGGAGTGAAGTGCCA
 CAAGCAGTGCAAGGATCGCTGTGAGTGTGGCGCAGGGCCAGAGTGTGAGCCTGGAGGGGTCT
 GCACCCTCACCTCACCATGCACAGCCACCATCACCGCGCCTTCAGTTCTCTCTGCCCGCCCTGGCA
 GGCGAGGCTCCAGGCCTCCAGAGATCCGTGAGGAGGAGGTACAGACGGTGGAGGATGGGGTGTGACAT
 CCACTTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC217525 protein sequence
 Red=Cloning site Green=Tags(s)

MAGTLDLKDGCTVEELLRGCIEAFDDSGKVRDPQLVRMFLMMHPWYIPSSQLAAKLLHIYQQSRKDNSNS
 LQVKTCHLVRYWISAFPAEFDLNPELAEQIKELKALLDQEGNRRHSSLIDIDSVPYKWKVRQVTQRNPVG
 QKKRKMSLLFDHLEPMELAEHLTYLEYRSFKILFQDYHSFVTHGCTVDNPVLERFISLFNSVSQWVQLM
 ILSKPTAPQRALVITHFVHVAEKLLQLQNFNTLMVAVGGLSHSSISRLKETHSHVSPETIKLWEGLTEL
 TATGNYGNYRRRLAACVGFRFPILGVHLKDLVALQLALPDWLPARTRLNGAKMKQLFSILEELAMVTS
 RPPVQANPDLLSLLTVSLDQYQTEDELQYLSLQREPRSKSSPTSTCTPPPPPPVLEEWTSAAKPKLDQ
 ALVVEHIEKMVESVFRNFDVDGDGHSIQEEFQIIRGNFPYL SAFGDLQDQDGCISREEMVSYFLRSSSV
 LGGRMGFVHNFQESNSLRPVACRHCKALILGIYKQLKCRACGVNCHKQCKDRLSVECRRRRAQSVSLEGS
 APSPSPMSHHHRAFSFSLPRPGRRGRPEIREEEVQTVEDGVFDIHL

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_153819
ORF Size:	1827 bp
Buffer:	PBS with 0.001% Pluronic F7705
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_153819.1, NP_722541.1</u>
RefSeq Size:	2310 bp
RefSeq ORF:	1830 bp
Locus ID:	10235
UniProt ID:	<u>Q7LDG7</u>
Cytogenetics:	11q13.1
MW:	69.2 kDa