

Product datasheet for **RC212672A1V**

Human RASGRP2 (NM_001098670) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human RASGRP2 (NM_001098670) 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:**

>RC212672 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGC**

 ATGGCAGGCACCCTGGACCTGGACAAGGCTGCACGGTGGAGGAGCTGCTCCGCGGTGCATCGAAGCCT
TCGATGACTCCGGGAAGGTGCGGACCCGCAGCTGGTGCATGTTCTCATGATGCACCCTGGTACAT
CCCCTCCTCTCAGCTGGCGGCCAAGCTGCTCCACATCTACCAACAATCCCGAAGGACAACCTCCAATTCC
CTGCAGGTGAAAACGTGCCACCTGGTCAGTACTGGATCTCCGCTTCCAGCGGAGTTTGACTTGAACC
CGGAGTTGGCTGAGCAGATCAAGGAGCTGAAGGCTCTGCTAGACCAAGAAGGGAACCGACGGCACAGCAG
CCTAATCGACATAGACAGCGTCCCTACCTACAAGTGAAGCGGCAGGTGACTCAGCGGAACCTGTGGGA
CAGAAAAGCGCAAGATGTCCCTGTTGTTTGACCACCTGGAGCCCATGGAGCTGGCGGAGCATCTCACCT
ACTTGGAGTATCGCTCCTTCTGCAAGATCCTGTTTCAGGACTATCACAGTTTCGTGACTCATGGTCGAC
TGTGGACAACCCCGTCTGGAGCGGTTTCATCTCCCTCTTCAACAGCGTCTCACAGTGGGTGCAGTCTATG
ATCCTCAGCAAACCCACAGCCCCGACGGGGCCCTGGTCATCACACACTTGTCCACGTGGCGGAGAAGC
TGCTACAGCTGCAGAATTCAACACGCTGATGGCAGTGGTCGGGGGCTGAGCCACAGCTCCATCTCCCG
CCTCAAGGAGACCCACAGCCACGTTAGCCCTGAGACCATCAAGCTCTGGGAGGGTCTCACGGAACAGTG
ACGGCGACAGGCAACTATGGCAACTACCGGCGTCGGCTGGCAGCCTGTGTGGGCTTCCGCTTCCCGATCC
TGGGTGTGCACCTCAAGGACCTGGTGGCCCTGCAGCTGGCACTGCCTGACTGGCTGGACCCAGCCCGGAC
CCGGCTCAACGGGGCCAAGATGAAGCAGCTCTTAGCATCCTGGAGGAGCTGGCCATGGTGACGACCTG
CGGCCACCACTACAGGCCAACCCGACCTGCTGAGCCTGCTCACGGTGTCTCTGGATCAGTATCAGACGG
AGGATGAGCTGTACCAGCTGTCCCTGCAGCGGGAGCGCGCTCCAAGTCTCGCAACCCAGCCCCACGAG
TTGCACCCACCAACCCCGGCCCGGTACTGGAGGAGTGGACCTCGGCTGCCAAACCCAAAGCTGGATCAG
GCCCTCGTGGTGGAGCACATCGAGAAGATGGTGGAGTCTGTGTTCCGGAACCTTTGACGTGATGGGGATG
GCCACATCTCACAGGAAGAATTCAGATCATCCGTGGGAACCTCCCTTACCTCAGCGCCTTTGGGACCT
CGACCAGAACCAGGATGGCTGCATCAGCAGGGAGGAGATGGTTTCCTATTTCTGCGCTCCAGCTCTGTG
TTGGGGGGGCGCATGGGCTTCTGACAACTTCCAGGAGAGCAACTCCTTGCGCCCCGTCGCTGCCGCC
ACTGCAAAGCCCTGATCCTGGGCATCTACAAGCAGGGCCTCAAATGCCGAGCCTGTGGAGTGAAGTCCA
CAAGCAGTGCAAGGATCGCTGTGAGTGTGCGCGCAGGGCCAGAGTGTGAGCCTGGAGGGGTCT
GCACCCTCACCTCACCATGCACAGCCACCATCACCGCGCCTTCAGTTCTCTCTGCCCGCCCTGGCA
GGCGAGGCTCCAGGCCTCCAGAGATCCGTGAGGAGGAGGTACAGACGGTGGAGGATGGGGTGTGACAT
CCAATTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC212672 protein sequence

Red=Cloning site Green=Tags(s)

 MAGTLDLDKGCTVEELLRGCIEAFDDSGKVRDPQLVRMFLMMHPWYIPSSQLAALLHIYQQSRKDNSNS
LQVKTCHLVRYWISAFPAEFDLNPELAEQIKELKALLDQEGNRRHSSLIDIDSVPTYKWKQVTRQNPVG
QKKRKMSLLFDHLEPMELAEHLTYLEYRSFKILFQDYHSFVTHGCTVDNPVLERFISLFNSVSQWVQLM
ILSKPTAPQRALVITHFVHVAEKLLQLQNFNTLMVAVGGLSHSSISRLKETHSHVSPETIKLWEGLTEL
TATGNYGNYRRRLAACVGFRFPILGVHLKDLVALQLALPDWLPARTRLNGAKMKQLFSILEELAMVTS
RPPVQANPDLLSLLTVSLDQYQTEDELQYLSLQREPRSKSSPTSTCTPPPRPPVLEEWTSAAKPKLDQ
ALVVEHIEKMVESVFRNFDVDGDGHSIQEEFQIIRGNFPYL SAFGDLQDQDGCISREEMVSYFLRSSSV
LGGRMGFVHNFESENLRPVACRHKALILGIYKQLKCRACGVNCHKQCKDRLSVECRRRRAQSVSLEGS
APSPSPMSHHHRAFSFSLPRPGRRGRPEIREEEVQTVEDGVFDIHL

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_001098670
ORF Size:	1827 bp
Buffer:	PBS with 0.001% Pluronic F6918
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_001098670.1</u>
RefSeq Size:	2244 bp
RefSeq ORF:	1830 bp
Locus ID:	10235
UniProt ID:	<u>Q7LDG7</u>
Cytogenetics:	11q13.1
MW:	69.2 kDa