

Product datasheet for **RC212473A1V**

Human **RASGRP1** (NM_005739) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human RASGRP1 (NM_005739) AAV Particle
Tag:	Myc-DDK
Symbol:	RASGRP1
Synonyms:	CALDAG-GEFI; CALDAG-GEFII; IMD64; RASGRP
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC212473 ORF sequence

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGCACCTGGGCAAGGCGAGAGAGGCTCCGCGAAACCTTCCCATGGCTGCAGAGCTGCCTCTAAAG
CAAGACTAGAGGCAAAGCCAGCCAACAGCCCCTTCCCCTCCCATCCCAGCTTGGCCACATCACCCAGTT
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TGTGGGGCCAGTGCCAACTTTGCTCATTGGGAGCCAAAGATCTGCTCCATGCACCTGAGGAAGGACCT
TTTACATTCCCTAATGGGGAGGCTGTGGAACATGGTGAGGAGAGTAAGGATCGGACCATCATGCTGATGG
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ACAGCCTTGGATTGGCAGTGAGGGCCCTTCAGGTCCCTTTGTGCTGTCTTCCCAAGGAAGACAGCCCAG
GATACTCTATATGTGCTTCCAGTCCCACCTCTCCATGTCCTAGCCCAGTCTTGGTCAGAAAGCGGGCTT
TTGTCAAGTGGGAGATAAAGACTCCCTCATAAAATCAAAGGAGGAGCTCCGTCACCTCAGACTGCCTAC
CTACCAAGAACTGGAACAGGAAATAAATACTCTGAAAGCAGATAATGATGCCCTAAAGATCCAAGTGA
TATGCACAGAAGAAAATAGAATCCCTCCAGCTTGAAAAAGCAATCATGTCTTAGCTCAAATGGAGCAGG
GTGACTGTTCT

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC212473 protein sequence Red=Cloning site Green=Tags(s) MGTLGKAREAPRKPSHGCRAASKARLEAKPANSFPFSPHPSLAHITQFRMMVSLGHLAKGASLDDLIDSCI QSFADAGNLCRSNQLLQVMLTMRIVISSAELLQKVITLYKDALAKNSPGLCLKICYFVRYWITEFWVMF KMDASLTDTMEEFQELVKAKGEELHCRLLDITQINARDWSRKLQRIKSNSTSKRKVSLLFDHLEPEELS EHLTYLEFKSFRRISFSDYQNYLVNSCVKENPTMERSIALCNGISQWVQLMVLSPPTQLRAEVFIKFIQ VAQKLHQLQNFNTLMAVIGGLCHSSISRLKETSSHVPHEINKVLGEMTELLSSSRNYDNYRRAYGECTDF KIPILGVHLKDLISLYEAMPDYLEDGKVNHLKLLALYNHISELVQLQEVAPPLEANKDLVHLLTSLDLY YTEDEIYELSYAREPRNHRAPPLTPSKPPVVVDWASGVSPKDPKTISKHVQRMVDSVFKNYDHDQDGYI SQEEFEKIAASFPPSFCVMDKDREGLISRDEITAYFMRASSIYSKLGFGPHNFQETTYLKPTFCDNCAG FLWGVIKQGYRCKDCGMNCHKQCKDLVFECKKRAKNPVAPTENNTSVGPVSNLCSLGAkdLLHAPEEGP FTFPNGEAVEHGEESKDRITIMLGVSSQKISRLKRAVAHKATQTESQPWIGSEGPSGPFVLSPPRKTAQ DTLYVLPSPSPCPSPVLVRKRAFKWENKDSLKSKEELRHLRLPTYQELEQEINTLKADNDALKIQLK YAQKKIESLQLEKSNHVLAQMEQGDCS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_005739
ORF Size:	2391 bp
Buffer:	PBS with 0.001% Pluronic F6891
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_005739.2
RefSeq Size:	5048 bp
RefSeq ORF:	2394 bp
Locus ID:	10125
UniProt ID:	O95267
Cytogenetics:	15q14
MW:	90.4 kDa