

Product datasheet for **RC227703A1V**

Human RASGRP3 (NM_001139488) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human RASGRP3 (NM_001139488) AAV Particle
Tag:	Myc-DDK
Symbol:	RASGRP3
Synonyms:	GRP3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC227703 ORF sequence

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

 TTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGATCAAGTGGCCTTGGGAAAGCAGCAACATTAGATGAAGTCTGTGCACTTGCATTGAGATGTTTG
 ATGACAATGGAGAGCTGGATAATAGTTATTTGCCAAGAATAGTTCTACTGATGCACCGATGGTATTATC
 TTCCAATGAATTGGCAGAAAACTTCTCTGCATGTATCGAAATGCCACTGGAGAAAGCTGCAATGAATTT
 CGATTAAGATCTGCTACTTCATGAGGTACTGGATTCTGAAGTTTCTGCAGAGTTTAATTTGGATCTTG
 GTTTGATTGCTATGACTGAGGAATTCGGGAAGTAGCTAGTCAACTAGGATATGAAAAACACGTCAGCCT
 CATCGACATATCCAGCATTCTTCTATGACTGGATGAGAAGAGTCACACAGAGGAAAAAGTATCCAAG
 AAGGGAAAAGCCTGTCTGCTGTTTGACCATCTGGAGCCATTGAATTGGCTGAGCACCTCACTTTTCTGG
 AGCATAAATCTTTAGAAGGATCTCATTCACTGATTACCAAAGCTATGTCATCCATGGCTGCCTGGAGAA
 TAATCCAACCTTGAAAGATCGATTGCTTTATTTAATGGAATCTCTAAGTGGGTCCAGTTGATGGTTCTT
 AGCAAACCAACCCCCAGCAAAGGGCAGAAGTCATCACAAAGTTTATCAATGTTGCAAAGAGCTCCTTC
 AGCTCAAAAATTTTAACACCCTGATGGCAGTGGTGGGAGGCCTCAGTCATAGTTCATTTTACGCGCTCAA
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 AACGGCAATTACTGCAATTACCGCAAGGCCTTTGCCGACTGCGATGGCTTCAAAATCCCCATCCTTGGAG
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 TGTGAAATGCACCAGCTCTCCGTTACCTGAGTGAAGTCTCCCTGCAGAAATGCCTCTCACCCTTA
 GAACCAACATGGATTTGATCAACCTGCTCAGCCTTTCCCTGGACCTCTATCACACTGAAGATGATATTT
 ACAAACTGTCACTGGTGTGGAGCCTAGAAATTTCTAAATCGCAGCCTACCTCCCTACGACGCCCAACAA
 GCCTGTGGTACCCCTGGAGTGGGCATTAGGGGTGATGCCAAAGCCAGACCCACGGTCATCAACAAGCAC
 ATAAGGAAATTAGTGGAGTCTGTATTTAGAAACTATGATCACGACCATGATGGGTACATTTCCCAAGAGG
 ACTTTGAAAGTATAGCTGCCAATTTTCCTTCTTGATTCTTCTGTGTTCTGGACAAAGATCAGGATGG
 CCTAATTAGTAAAGATGAAATGATGGCTTACTTCTGAGAGCTAAATCCCAACTACACTGTAAAAATGGGA
 CCAGGATTTATCCATAATTTTCAGGAGATGACCTATCTCAAGCCAACCTTCTGCGAACACTGTGCGGGAT
 TTCTCTGGGGCATAATCAAGCAAGGATACAAATGCAAAGACTGTGGAGCCAATTGTCACAAACAGTGCAA
 AGACCTCCTGGTTCTGGCCTGCAGGAGATTTGCCCGGGCGCCCTCCTTGAGCAGTGGTCATGGGTCACTG
 CCTGGAAGCCCTCGCTGCCCCAGCGCAGGATGAGGTGTTTGAGTTCCTGGAGTCACTGCTGGACACA
 GGGATTTAGACAGCAGAGCCATCACACTGGTTACAGGCTCTTCTCGCAAGATCTCTGTGAGGCTACAGAG
 GGCCACCACCAGCCAGGCCACCCAGACTGAACCTGTCTGGTCAGAGGCTGGCTGGGGGGACTCGGGGTCC
 CACACCTTCCCTAAAAATGAAATCCAAGTTCCATGACAAAGCAGCAAAGGACAAAGGCTTTGCCAAATGGG
 AAAATGAGAAGCCAGGGTGCATGCTGGTGTGGATGTTGTAGACCGGGGCACGGAGTTTGAACCTTGACCA
 GGATGAAGGAGAAGAGACCAGACAGGATGGTGAGGATGGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC227703 protein sequence Red=Cloning site Green=Tags(s) MGSSGLGKAATLDELLCTCIEMFDDNGELDNSYLPRIVLLMHRWYLSSTELAEKLLCMYRNATGESCNF RLKICYFMYWILKFPFAEFNLDLGLIRMTEEFREVASQLGYEKHVSLIDISSIPSYDWMRRVTQRKKVSK KGKACLLFDHLEPIELAEHLTFLEHKSFRRIISFTDYQSYVIHGCLENNPTLERSIALFNGISKWVQLMVL SKPTPQQRAEVITKFINVAKKLLQLKNFNTLMAVVGGLSHSSISRLKETHSHLSSEVTKNWNEMTELVS NGNYCNRYKAFADCDGFKIPILGVHLKDLIAVHVIFPDWTEENKVNIVKMHQLSVTLSELVSLQNASHHL EPNMDLINLLTSLDLYHTEDDIYKLSLVLEPRNSKSQPTSPTTPNKPVPVPLEWALGVMPKPDPTVINKH IRKLVESVFRNYDHDHGYISQEDFESIAANFPFLDSFCVLDKDQDGLISKDEMAYFLRAKSQLHCKMG PGFIHNFQEMTYLKPTFCEHCAGFLWGIKQGYKCKDCGANCHKQCKDLLVLACRRFARAPSLSSGHGSL PGSPSLPPAQDEVFEFPGVTAGHRDLDSRAITLVTGSSRKISVRLQRATTSQATQTEPVWSEAGWGDSGS HTFPKMKSKFHDKAAKDKGFAKWEKPRVHAGVDVDRGTEFELDQDEGEETRQDGEDG TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001139488
ORF Size:	2070 bp
Buffer:	PBS with 0.001% Pluronic F9342
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_001139488.1</u>
RefSeq Size:	4798 bp
RefSeq ORF:	2073 bp
Locus ID:	25780
UniProt ID:	<u>Q8IV61</u>
Cytogenetics:	2p22.3
MW:	78.3 kDa