

Product datasheet for **RC228397A1V**

Human RASGRP 4 (RASGRP4) (NM_001146206) AAV Particle

Product data:

Product Type: AAV Particles

Tag: Myc-DDK

Symbol: RASGRP 4

Mammalian Cell None

Selection:

Vector: pAAV-AC-Myc-DDK (PSI00089)

ORF Nucleotide Sequence: >RC228397 representing NM_001146206
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGAACAGAAAAGACAGTAAGAGGAAGTCCCACCAGGAATGCACCGAAAAATAGGAGGGCGAGGCCGGC
CCCCCAAGTGCGCCGCCACAAGACATGCCCCAGCCCTCGGGAAATCAGCAAGGTCATGGCTTCCATGAA
CCTGGGCTGCTGAGTGAGGGCGGCTGCAGCGAAGATGAGCTGCTGGAGAAATGCATCCAGTCCCTCGAT
TCAGCTGGCAGCCTGTGCCACGAGGACCACATGCTCAACATGGTGTGGCCATGCACAGCTGGGTGCTGC
CGTCCGCCGACCTGGCTGCCCGCCTGCTGACCTCATACCAGAAGGCCACAGGGGACACCCAGGAGCTGAG
ACGGCTGCAGATCTGTACCTGGTCAGGTACTGGCTGATGCGACACCCCTGAGGTGATGCACACAGGATCCC
CAGCTAGAAGAAGTCATAGGTCGTTTCTGGGCCACCGTGGCCCGGAGGGCAACTCAGCCCAGAGAAGAC
TGGGAGACTCTTCTGACCTCCTGAGCCCTGGTGGCCCTGGCCCCCACTCCCAATGAGCAGCCAGGCCCT
GGCAAAAAGCGCAAAGTGTCTTGTCTTTTCGACCACTTGAGACGCGGGGAGCTGGCTCAGCACCTCACC
TACCTGGAGTTCGGTCTTCCAGGCTATCAGCTCTCCCTGGACCTCTTCTACACGGAAGACGAGATCT
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GGTGGTGGAGTGGGCCCTGGTGTGACACCAAGCCGACAGGGTCACACTGGGTCGGCATGTGGAGCAG
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GACTCTCGGCAATTTTCCCTTCGCCTGCCATGGGCTTACCCACCCCCACGCCAGGGGAGAGGATCCTT
CAGCAGAGAGGAGCTGACAGGGTACCTGCTCCGGGCCAGCGCCATCTGCTCCAAGTTGGGCTGGCCTTC
CTGCACACCTTCCATGAGGTACCTTCCGAAAGCCTACCTTCTGCGACAGCTGCAGTGGCTTCTCTGGG
GTGTACCAAGCAAGGCTACCGCTGTCGGGAGTGGGGCTGTGTTGCCACAAACACTGCAGAGACCAAGGT
GAAGGTAGAATGTAAGAAGAGGCCAGGGGCCAAGGGCGATGCAGGACCCCCGAGCTCCTGTCCCATCC
ACACCAGCTCCCCATGCCAGCTGTGGCTCCGAGGAAAATCACTCTACACGCTATCCCTGGAGCTGAGA
CTGGGTGCCAGCTTCGCCATGCCTGGACCCAGACTGAATCCCACACCTTCTCTGGGAAACAGATACGGT
CCCCTGCCCGGTGATGGACCCACCATCACTGCATCCTCAAGCTGGATTCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC228397 representing NM_001146206 Red=Cloning site Green=Tags(s) MNRKDSKRKSHQECTGKIGGRGRPRQVRRHKTCPSPREISKVMASMNLLGLLSEGGCSEDELLEKCIQSFD SAGSLCHEDHMLNMVLAMHSWVLPADLAARLLTSYQKATGDTQELRRLQIHLVRYWLMRHPEVMHQDP QLEEVIGRFWATVAREGNSAQRRLGDSSDLLSPGGPGPPLPMSSPGLGKKRKVSLLFDHLETGELAQHLT YLEFRSFQAITLSLDLFYTEDEIYELSYAREPRCPKSLPPSPFNAPLVVEWAPGVTPKPDVTLGRHVEQ LVESVFNKYDPEGRGTISQEDFERLSGNFPFACHGLHPPRQGRGSFSREELTGILLRASAICSKLGLAF LHTFHEVTFRKPTFCDCSGFLWGVTKQGYRCREGLCCHKHCRDQVKVECKKRPAGKGDAGPPGAPVPS TPAPHASCGSEENHSYTLSELPETGCQLRHAWTQTESPHPSWETDTVPCPVMDDPPSTASSKLDLS TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001146206
ORF Size:	1452 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_001146206.1, NP_001139678.1</u>
RefSeq ORF:	1455 bp
Locus ID:	115727
UniProt ID:	<u>Q8TDF6</u>
Cytogenetics:	19q13.2
MW:	53.7 kDa