

Product datasheet for **RC207542A1V**

Human RACGAP1 (NM_013277) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human RACGAP1 (NM_013277) AAV Particle
Tag:	Myc-DDK
Symbol:	RACGAP1
Synonyms:	CYK4; HsCYK-4; ID-GAP; MgcRacGAP
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC207542 ORF sequence

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGATACTATGATGCTGAATGTGCGGAATCTGTTTGAGCAGCTTGTGCGCCGGGTGGAGATTCTCAGTG
AAGGAAATGAAGTCCAATTTATCCAGTTGGCGAAGGACTTTGAGGATTTCCGTAAAAAGTGGCAGAGGAC
TGACCATGAGCTGGGAAATACAAGGATCTTTTGATGAAAGCAGAGACTGAGCGAAGTGCTCTGGATGTT
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AAAAGCTGGAACGACAGATTGAGCTGATTCGAGAGATGCTCATGTGTGACACATCTGGCAGCATTCAACT
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AATGGAGGGATGCGCCTGCATGACTTTGTTTCTAAGACGGTTATTAACCTGAATCCTGTGTTCCATGTG
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TCGGGACCGCTGTCCCCTTCCCTGCATTCTACCTGATAGGAACACCTGTCAAGATTGGAGAGGGAATG
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AGCAAAGAGGTCTGACTGAGACAGGCCCTGTATAGGATCTCTGGCTGTGACCGCACAGTAAAAGAGCTGAA
AGAGAAATTCCTCAGAGTGAAAACCTGTACCCCTCCTCAGCAAAGTGGATGATATCCATGCTATCTGTAGC
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AAGCAGCAGAAATCACAGATGAAGACAACAGCATAGCTGCCATGTACCAAGCTGTTGGTGAAGTGGCCCA
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ATGGATGTTGCCAATCTGGCTAAAGTCTTTGGCCCTACAATAGTGGCCCATGCTGTGCCAATCCAGACC
CAGTGACAATGTTACAGGACATCAAGCGTCAACCAAGGTGGTTGAGCGCCTGCTTTCTTGCTCTGGA
GTATTGGAGTCAGTTCATGATGGTGGAGCAAGAGAACATTGACCCCTACATGTCATTGAAAACCTCAAAT
GCCTTTTCAACACCACAGACACCAGATATTAAGTGAGTTTACTGGGACCTGTGACCACTCCTGAACATC
AGCTTCTCAAGACTCCTTCATCTAGTTCCCTGTACAGAGAGTCCGTTCCACCCTCACCAGAACTCC
TAGATTTGGGAGCAAAAGCAAGTCTGCCACTAACCTAGGACGACAAGGCAACTTTTTTGTCTCTCAATG
CTCAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC207542 protein sequence Red=Cloning site Green=Tags(s) MDTMMNLNVRNLFQQLVRRVEILSEGNEVQFIQLAKDFEDFRKKWQRTDHELKGYKDLLMKAETERSALDV KLKHARNQVDVEIKRRQRAEADCEKLERQIQLIREMLMCDTSGSIQLSEEQKSALAFNRGQPSSSNAGN KRLSTIDESGSILSDISFDKTDSELDWDSSLVKTFKLKKREKRSTSRQFVDGPPGPVKKTRSIGSAVDQ GNESIVAKTTVTPNDGGPIEAVSTIETVPYWTRSRRTGTLPWNSTLNSRQLEPRTEQTSVGTQPS NGGMRLHDFVSKTVIKPESCVPCGKRIKFGKLSLKCRDCRVVSHPECRDRCPLPCIPTLIGTPVKIGEGM LADFVSQTSMPISIVVHCVNEIEQRGLTETGLYRISGCDRTVKELKEKFLRVKTVPLLKVVDDIHAICS LLKDFLRNLKEPLLTFRLNRAFMEAAEITDEDNSIAAMYQAVGELPQANRDTLAFMLHLQ RVAQSPHTK MDVANLAKVFGPTIVAHAVPNPDVMTLQDIKRQPKVVERLLSLPLEYWSQFMMVEQENIDPLHVIENS AFSTPQTPIKVSLLGPVTTPEHQLLTPSSSSLSQVRVSTLTKNTPRFGSKSKSATNLGRQGNFFASPM LK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_013277
ORF Size:	1896 bp
Buffer:	PBS with 0.001% Pluronic F6085
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_013277.2</u>
RefSeq Size:	3315 bp
RefSeq ORF:	1899 bp
Locus ID:	29127
UniProt ID:	<u>Q9H0H5</u>
Cytogenetics:	12q13.12
MW:	71 kDa