

Product datasheet for **RC208271A1V**

Human RAP1GAP (NM_002885) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human RAP1GAP (NM_002885) AAV Particle
Tag:	Myc-DDK
Symbol:	RAP1GAP
Synonyms:	RAP1GA1; RAP1GAP1; RAP1GAPII; RAPGAP
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC208271 ORF sequence

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGC**

ATGATTGAGAAGATGCAGGGAAGCAGGATGGATGAACAACGCTGCTCCTTCCCGCCGCCCTCAAAACAG
AGGAGGACTACATTCCATACCCGAGCGTGCACGAGGTCTTGGGCGGAGAAGGACCCTTCCCCCTCATCCT
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TTCTCGGCAAGGAGCATTTCAATTACTACTACTGACGCTGCCCTCGGCCACCTTGCTTCTCACTCAA
GTACGATGTCATCGGGACCAAGAGCACCTGCGGCTGCTGCTCAGGACCAAGTCCCGGACATACCATGAT
GTCATCCCCATCTCCTGCCTCACCGAGTCCCTAATGTTGTCCAGATGGCAAAGTTGGTGTGTAAGACG
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GACCCCGCTGTGTTCAAGGAAGGGCCTGAGTTCCAGGAATTTTGTGCTGACAAAGCTGATCAATGCTGAAT
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AGAGCCCTCCGGCTGGTCAGAAGACCCAGACAGCGGGCACGTCTCACAGGAGCCCAAGTCGGAGAACTC
ATCCACTCAGAGCTCCCAGAGATGCCACGACCAAGAAGACAGAGCGGAGACCGCAGCGCAGAGAGCAGAG
GCGCTCAAGGACTTCTCCGCTCCTCGTCCAGTGCCAGCAGCTTCGCCAGCGTGGTGGAGGAGACGGAGG
GTGTGGACGGAGAGGACACAGGCCTGGAGAGCGTGTATCCTCAGGAACACCCCAAGCGGGACTCCTT
CATCTATAGCAGTGGCTGGAGGACAGTGTGAGCACCCTAGTGGGGGAGCTCCCCAGGCCCTCTCGA
TCACCCACCCAGACGCCGGAAGTTGGGGGACCCTGCGTGTCCCGAGATCAAGATCCAGCTGGAAGCAT
CTGAGCAGCACATGCCCCAGCTGGGCTGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC208271 protein sequence Red=Cloning site Green=Tags(s) MIEKMQGSRMDEQRCSFPPPLKTEEDYIPYPSVHEVLGREGPFPLILLPQFGGYWIEGTNHEITSIPETE PLQSPPTTKVKLECNPTARIYRKHFLGKEHFNYYSLDAALGHLVFSKYDVIGDQEHLRLLLRKCRITYHD VIPISCLTEFPNVVQMAKLVCEDVNDRFYVLYPKASRLIVTFDEHVISNNFKFGVIYQKLGQTSEEEL FSTNEESPAFVEFLEFLGQKVKLQDFKGRGGLDVTHGQTGTESVYCNFRNKEIMFHVSTKLPYTEGDAQ QLQRKRHIGNDIVAVVFQDENTPLVPDMIASNFLHAYVVVQAEGGGPDGPLYKVSVTARDDVPFFGPPLP DPAVFRKGPEFQEFLLTKLINA EYACYKAEKFAKLEERTRAALLLETLYEELHIHSQSMMLGGDEDKMEN GSGGGGFFESFKRVIRSRSQSMAMGLSNKKPNTVSTSHSGSFAPNNPD LAKAAGISLIVPGKSPTRKKS GPFGRSSSAIGIENIQEVQEKRESPPAGQKTPDSGHVSQEPKSENSSTQSSPEMPTTKNRAETAQRAE ALKDFSRSSSSASSFASVVEETEGVDGEDTGLESVSSSGTPHKRDSFIYSTWLEDSVSTTSGGSSPGPSR SPHPDAGKLGDPACPEIKIQLEASEQHMPQLGC TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_002885
ORF Size:	1989 bp
Buffer:	PBS with 0.001% Pluronic F6236
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_002885.1</u>
RefSeq Size:	3334 bp
RefSeq ORF:	1992 bp
Locus ID:	5909
UniProt ID:	<u>P47736</u>
Cytogenetics:	1p36.12
MW:	73.3 kDa