

Product datasheet for **RC220913A1V**

Human **RASA4 (NM_006989)** AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human RASA4 (NM_006989) AAV Particle
Tag:	Myc-DDK
Symbol:	RASA4
Synonyms:	CAPRI; GAPL
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide
Sequence:

>RC220913 representing NM_006989.

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

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCACGATCGCC
ATGGCCAAGCGCAGCTCGCTGTACATCCGCATCGTGGAGGGGAAGAACCTTCCCGCCAAGGACATCACT
GGCAGCAGCGACCCCTACTGCATCGTGAAGGTGGACAATGAGCCCATCATCAGGACAGCCACAGTGTGG
AAGACCCCTGTGCCCTTCTGGGGTGAGGAGTACCAAGTGACCTGCCGCCACCTTCCACGCTGTGGCT
TTCTATGTCATGGATGAGGATGCCCTCAGCCGGGACGACGTTATCGGAAAGGTCTGCCTTACAAGGGAC
ACCATAGCCTCTCACCCTAAGGGTTTCAGCGGGTGGGCCACCTGACGGAGGTGACCCCGATGAGGAG
GTGCAGGGCGAGATCCACCTGCGGCTGGAAGTGTGGCCAGGGGCCGGGCTGCCGGCTACGCTGCTCT
GTGCTGGAGGCCAGGGATCTGGCCCAAGGACCGCAATGGCACATCTGACCCCTTCGTCCGAGTGCGC
TACAAGGGCCGGACACGGGAGACCTCGATCGTGAAGAAGTCATGCTACCCACGCTGGAATGAGACGTTT
GAATTTGAGCTGCAGGAGGGGCCATGGAGGCGCTGTGCTGGAGGCTGGGACTGGGACCTTGTACGC
CGAAACGACTTCTGGGCAAAGTGGTGATTGATGTCCAGAGACTGCGGGTGGTGCAGCAGGAGGAGGGC
TGGTTCGGCTGCAGCCGACAGTCCAAGAGCCGGCGGATGACGAGGGCAACCTGGGTCCTTGACG
CTGGAGGTGCGGCTGCGGGACGAGACGGTGCTGCCCTCCAGCTACTACGACCACTGGTGCACCTGCTG
TGCCACGAGGTCAAGCTGGGATGCAGGGCCAGGGCAGCTGATCCCACTCATCGAGGAGACAACGAGC
ACCGAGTGTGCCAGGACGTGGCCACGAACCTGCTCAAGCTCTTCTGGGCGAGGGCTGGCCAAGGAC
TTCCTGGACCTGCTCTTCCAGCTGGAGCTGAGTCGCACCAAGTGCAGCAACACCTGTTCCGGAGCAAC
TCTCTGGCCTCAAAGTCCATGGAGTCTTTCTGAAGGTGGCCGGGATGCAGTACCTGCACGGCGTCTG
GGCCCCATCATCAACAAGGTGTTTGAGGAGAAGAAGTACGTGGAGCTGGACCCAGCAAAAGTGGAAGTT
AAGGATGTAGGGTGCTCCGGGCTGCACCGCCCGCAGACCGAGGCCGAGGTGCTGGAGCAGAGCGCGCAG
ACGCTGCGCGCCACCTGGGGGCCCTGCTGAGCGCGCTCAGCCGCTCGGTTGCGCGGTGCCCGCGGTG
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GTACCGTTTCATCGCCGTACCCAGCTTCTGTGCTGCGCTTCTTCTCTCCCGCCATCATGTGCGCCAAG
CTCTTCCACCTGCGGGAGCGCCACGCGGACGCCCGCACCAGCCGACCCCTGCTCCTGTTGGCCAAGGCA
GTCCAGAACGTGGGCAACATGGACACGCCGGCTTCCAGGGCCAAGGAGGCTTGGATGGAGCCGCTGCAG
CCCACCGTGCAGGAGGCGTGGCGCAGCTGAAGGACTTCATCACCAGCTCGTGACATCGAGGAGAAG
GACGAGCTGGACCTGCAGCGACGCTGAGTTTGAGGCGCCACCTGTGAAGGAGGGGCCACTTTCATC
CACAGGACCAAGGCAAGGGCCCCCTCATGTCTCTCTCTTCAAGAAGCTCTACTTCTCCCTCACTACC
GAGGCCCTCAGCTTCGCGAAGACGCCAGCTCCAAGAAAAGCGCCCTCATCAAGTTAGCCAACATCCGG
GCAGCGGAAAAGGTTGAGGAAAAGAGCTTTGGCGGCTCGCACGTATGCAGGTATCTACACGGACGAC
GCCGGCAGGCCCCAGACTGCCTACCTGCAGTGCAAGTGTGTGAATGAGCTTAACCAAGTGGCTGTCTGCG
CTGCGGAAGGTGAGCATCAACAACACGGGACTGCTGGGCTCCTACCACCTGGCGTCTTCCGTGGGGAC
AAGTGGAGCTGCTGCCACCAAAAAGAGAAGACAGGTGAGGGTGCAGTAAGACCCGGTACGGGTGACC
CTGCAGGAGTGAATGACCTCTTGACCATGACCTTGAAGGCCAGCTCATCTACCGGCACCTGCTGGGC
GTGGAGGCCATGCTGTGGAGAGGACCGGGAGCTGAGCGGGGGCGCAGAGGCAGGCACGGTGCCACG
AGCCCTGGCAAAGTCCCCGAGGACTCATTGGCCCGGCTGCTCCGGGTGCTGCAGGACCTCCGCGAGGGC
CATAGCTCCAGCCCGGCCGGCTCCCAACCCTCAGAGCCCAACTGCCTCCTGGAGCTGCAGACG
ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Protein Sequence:	>Peptide sequence encoded by RC220913 Blue=ORF Red=Cloning site Green=Tag(s) MAKRSSLYIRIVEGKNLPAKDITGSSDPYCIKVDNEPIIRTATVWKTLCPFWGEEYQVHLPPTFHAVA FYVMDEDALSRDDVIGKVCLTRDTIASHPKGFSWAHLTEVDPDEEVQGEIHLRLEVWPGARACRLRCS VLEARDLAPKDRNGTSDPFVRVRYKGRTRTSIVKKSCYPRWNETFEFELQEGAMEALCWEAWDWDLVS RNDFLGKVVIDVQRLRVVQQEEGWFRQLQPDQSKSRRHDEGNLGSLLQEVRLRDETLPSSYYQPLVHLL CHEVKLGMQGGQLIPLIEETTSTECRQDVATNLLKFLGQGLAKDFDLFLQELSRSETNTLFRSN SLASKSMESFLKVAGMQYLHGVLGPIINKVFEEKKYVELDPSKVEVKDVGCSGLHRPQTEAEVLEQSAQ TLRAHLGALLSALSRSVRACPAVVRATFRQLFRVRERFPGAQHENVPIAVTSFLCLRFFSPAIMSPK LFHLRERHADARTSRTLLLLAKAVQNVGNMDTPASRAKEAWMEPLQPTVRQGVAKLDFITKLVDIEEK DELDLQRTLSLQAPPVKEGPLFIHRTKGKGPLMSSSFKKLYFSLTTEALSAKTPSSKKSALIKLANIR AAEKVEEKSFGGSHVMQVIYTDAGRPQTAYLQCKCVNELNQLWLSALRKVSINNTGLLSYHPGVFRGD KWSCCHQKEKTGQCDKTRSRVTLQEWNDPLDHDLEAQLIYRHLLGVEAMLWERHRELSGGAEAGTVPT SPGKVPEDSLARLLRVLQDLREAHSSSPAGSPPSEPNCLLELQT TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_006989
ORF Size:	2409 bp
Buffer:	PBS with 0.001% Pluronic F8254
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_006989.3</u>
RefSeq Size:	5579 bp
RefSeq ORF:	2412 bp
Locus ID:	10156
UniProt ID:	<u>O43374</u>
Cytogenetics:	7q22.1
MW:	90.5 kDa