

Product datasheet for **RC205112A1V**

Human RAP1 (TERF2IP) (NM_018975) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human RAP1 (TERF2IP) (NM_018975) AAV Particle
Tag:	Myc-DDK
Symbol:	RAP1
Synonyms:	DRIP5; RAP1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC205112 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCGGAGGCGATGGATTTGGGCAAAGACCCCAACGGGCCACCCATTCTCGACTCTGTTCTGTGAGGG
ACGACGGCAGCTCCATGTCCTTCTACGTGCGGCCAGCCCGGCCAAGCGTCGGCTGTGACGCTCATCCT
GCACGGCGGGCACCCTGTGCCGAGTGCAGGAGCCCGGGGCCGTGCTGCTGGCCAGCCCGGGGAGGCG
CTGGCCGAGGCTCGGGTGATTTTCATCTCCACGCAGTACATCCTGGACTGCGTGGAGCGCAACGAGAGGC
TGGAGCTGGAGGCTATCGGCTGGGCCCGCCTCGGCGGCGGACACCGGCTCGGAAGCAAAGCCCGGGC
CCTGGCCGAGGGCGCCGCGGAGCCGAGCCGACGCGGCACGCCGGCGGATCGCCTTCACGGATGCGGAC
GACGTAGCCATCCTTACCTACGTGAAGGAAAATGCCCGCTCGCCAGCTCCGTCACCGGTAACGCCTTGT
GGAAAGCGATGGAGAAGAGCTCGCTCACGCAGCACTCGTGGCAGTCCCTGAAGGACCGCTACCTCAAGCA
CCTGCGGGGCCAGGAGCATAAGTACCTGCTGGGGACGCGCGGTGAGCCCTCCTCCAGAAGCTCAAG
CGGAAGGCGGAGGAGGACCCGAGGCCGCGGATAGCGGGGAACACAGAATAAGAGAAGTCCAGATTGTC
CTGAAGAAGAGTATGTGAAGGAAGAAATCCAGGAGAATGAAGAAGCAGTCAAAAAGATGCTTGTGAAGC
CACCCGGGAGTTTGAGGAGTTGTGGTGGATGAGAGCCCTCCTGATTTTGAATACATATAACTATGTGT
GATGATGATCCACCCACCTGAGGAAGACTCAGAAACACAGCCTGATGAGGAGGAAGAAGAAGAAG
AAAAAGTTTCTCAACCAGAGGTGGGAGCTGCCATTAAGATCATTGCGCAGTTAATGGAGAAGTTAACTT
GGATCTATCAACAGTTACACAGGCCTTCTAAAAAATAGTGGTGAAGTGGAGGCTACTTCCGCCTTCTTA
GCGTCTGGTCAAGAGAGCTGATGGATATCCCATTTGGTCCCAGACAGATGACATAGATTTGCAAAAAGATG
ATGAGGATACCAGAGAGGCATTGGTCAAAAAATTTGGTGTCTAGAATGTAGCTCGGAGGATTGAATTTCC
AAAGAAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC205112 protein sequence Red=Cloning site Green=Tags(s) MAEAMD LGKDPNGP THSSTLFVRDDGSSMSFYVRPSPAKRRLSTLILHGGGTVC RVQEPGAVLLAQPGEA LAEASGDFISTQYILDCVERNERLEAYRLGPASAADTGSEAKPGALAEGAAEPEPQRHAGRIAF TDAD DVAILTYVKENARSPSSVTGNALWKAMEKSSLTQHSWQSLKDRYLKHLRGQEHKYLLGDAPVSPSSQKLK RKAEDPEAADSGEPQNKRTPDLP EEEYVKEEIQENEEAVKKMLVEATREFEEVVVDESPPDFEIHITMC DDDPPTPEEDSETQPDEEEEEEEKVSQPEVGAAIKIIRQLMEKFNLDLSTVTQAFLKNSGELEATSAFL ASGQRADGYPIWSRQDDIDLQKDD EDTREALVKKFGAQNVARRIEFRKK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_018975
ORF Size:	1197 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_018975.2</u>
RefSeq Size:	2196 bp
RefSeq ORF:	1200 bp
Locus ID:	54386
UniProt ID:	<u>Q9NYB0</u>
Cytogenetics:	16q23.1
MW:	44.3 kDa