

Product datasheet for **RC231224A1V**

Human SMAP2 (NM_001198979) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SMAP2 (NM_001198979) AAV Particle
Tag:	Myc-DDK
Symbol:	SMAP2
Synonyms:	SMAP1L
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC231224 representing NM_001198979 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGGGAAAGTGGGCAGAGCAAGATTTGCACAAAAGATGTTTTGCAAAATAGAGGAAATAGGCCCTGTAA
AGCTATTTGTGAGAGACTGGCCGCGATGGGCTCTTGGAACATTGGTGTGTTTCATCTGCATTCGATGTGC
TGGAATCCACAGGAATCTGGGGTGCACATATCCAGGGTAAAGTCAGTTAACCTCGACAGTGGACTCAA
GAACAGATTCAGTGCATGCAAGAGATGGGAAATGGAAAGGCAACCGACTTTATGAAGCCTATCTTCCTG
AGACCTTTCGGCGACCTCAGATAGACCCAGCTGTTGAAGGATTTATTCGAGACAAATATGAGAAGAAGAA
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ACCCACAGCTACCTCGGAAAAGCTCCCCGAAATCCACAGCGCCTGTCATGGATTGTTGGGCCTTGATGC
TCCTGTGGCCTGCTCCATTGCAATAGTAAGACCAGCAATACCCTAGAGAAGGATTTAGATCTGTTGGCC
TCTGTTCCATCCCCTTCTTCCGGTTCAGAAAGGTTGTAGGTTCCATGCCAACTGCAGGGAGTGCCG
GCTCTGTTCTGAAAATCTGAACCTGTTTCCGGAGCCAGGGAGCAATCAGAAGAAATAGGCAAGAAACA
GCTCTCTAAAGACTCCATTCTTCACTGTATGGATCCCAGACGCTCAAATGCCTACTCAAGCAATGTTT
ATGGCTCCCGCTCAGATGGCATATCCCACAGCCTACCCAGCTTCCCCGGGGTTACACCTCCTAACGCA
TAATGGGAGCATGATGCCTCCACAGTAGGCATGGTTGCTCAGCCAGGAGCTTCTGGGATGGTTGCCCC
CATGGCCATGCCTGCAGGCTATATGGGTGGCATGCAGGCATCAATGATGGGTGTGCCGAATGGAATGATG
ACCACCCAGCAGGCTGGCTACATGGCAGGCATGGCAGCTATGCCCCAGACTGTGTATGGGGTCCAGCCAG
CTCAGCAGCTGCAATGGAACCTTACTCAGATGACCCAGCAGATGGCTGGGATGAACCTTCTATGGAGCCAA
TGGCATGATGAATATGGACAGTCAATGAGTGGCGGAAATGGACAGGCAGCAATCAGACTCTCAGTCCT
CAGATGTGAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC231224 representing NM_001198979 Red=Cloning site Green=Tags(s) MGKVGRARFAQKDVLEIEEIGPVKLFVRDWPRAWASWNIGVFICIRCAGIHRNLGVHISRVKSVNLDQWTQ EQIQCMQEMGNKANRLYEAYLPETFRRPQIDPAVEGFIRDKEYEKKYMDRSLDINAFRKEKDDKWKRG EPVPEKKLEPVVFEKVKMPQKKEDPQLPRKSSPKSTAPVMDLLGLDAPVACSIANSKTSNTLEKDLDLA SVPSPSSSGSRKVVGSMPPTAGSAGSVPENLNFPEPGSKSEEIGKKQLSKDSILSLYGSQTPQMPTQAMF MAPAQMAYPTAYPSFPGVTPPNSIMGSMPPPVGMVAQPGASGMVAPMAMPAGYMGGMQASMMGVPNGMM TTQQAGYMAGMAAMPQTVYGVQPAQQLQWNL TQMTQQMAGMNFYGANGMMNYGQSMSSGGNGQAANQTLSP QMWK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001198979
ORF Size:	1272 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_001198979.1</u> , <u>NP_001185908.1</u>
RefSeq ORF:	1275 bp
Locus ID:	64744
UniProt ID:	<u>Q8WU79</u>
Cytogenetics:	1p34.2
MW:	46.8 kDa