

Product datasheet for **RC200945A1V**

Human PSMC2 (NM_002803) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	PSMC2
Synonyms:	MSS1; Nbla10058; RPT1; S7
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >RC200945 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGCCGGATTACCTCGGTGCCGATCAGCGGAAGACCAAGAGGATGAGAAGGACGACAAGCCCATCCGAG
CTCTGGATGAGGGGATATTGCCTTGTGAAAATTATGGTCAGAGCACTTACTCTAGGCAGATCAAGCA
AGTTGAAGATGACATTCAGCAACTTCTCAAGAAAATTAAAGAGCTCACTGGTATTAAAGAATCTGACACT
GGCCTGGCCCCACGCACTCTGGGATTTGGTGCAGATAAGCAGACACTCCAGAGTGAACAGCCTTTAC
AGGTTGCCAGGTGTACAAAGATAATCAATGCTGATTCGGAGGACCCAAATACATTATCAACGTAAAGCA
GTTTGCCAAGTTTGTGGTGACCTTAGTGATCAGGTGGCACCTACTGACATTGAAGAAGGGATGAGAGTG
GGCGTGGATAGAAATAAATATCAAATTCACATTCCATTGCCTCCTAAGATTGACCCAACAGTTACCATGA
TGCAGGTGGAAGAGAACTGATGTCACATACAGTGATGTTGGTGGCTGTAAGGAACAGATTGAGAACT
GCGAGAAGTAGTTGAAACCCATTACTTCATCCAGAGAGGTTTGTGAACCTTGGCATTGAGCCTCCCAAG
GGCGTGCTGCTCTTGGTCCACCCGGTACAGGCAAGACACTCTGTGCGCGGCAGTTGCTAATCGGACTG
ATGCGTGCTTCATTGAGTTATTGGATCTGAGCTTGTACAGAAATACGTCGGTGAGGGGGCTCGAATGGT
TCGTGAACTCTTTGAAATGGCCAGAACAAAAAGCCTGCCTTATCTTCTTTGATGAAATTGATGCTATT
GGAGGGGCTCGTTTTGATGATGGTGCTGGAGGTGACATGAAGTGACAGAGAACAATGTTGGAACGATCA
ATCAGCTTGATGGTTTTGATCCTCGAGGCAATATTAAGTGCTGATGGCCACTAACAGACCTGATACTTT
GGATCCAGCACTGATGAGGCCAGGGAGATTGGATAGAAAAATTGAATTTAGCTTGCCCGATCTAGAGGGT
CGGACCCACATATTTAAGATTCACGCTCGTTCAATGAGTGTTGAAAGAGATATCAGATTTGAACTGTTAG
CAGCACTGTGTCCAAATAGCACTGGTGCTGAGATTAGAAGCGTCTGCACAGAGGCTGGTATGTTTGCCAT
CAGAGCACGGCGAAAAATTGCTACCGAGAAGGATTTCTTGAAGCTGTAATAAGGTCATTAAGTCTTAT
GCCAAATTCAGTGCTACTCCTCGTTACATGACATACAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC200945 protein sequence Red=Cloning site Green=Tags(s) MPDYL GADQ RKT KEDEKDDKPIRALDEGDIAL LKTYGQSTYSRQIKQVEDDIQQLKKINELTGIKESDT GLAPPALWDLAADKQTLQSEQPLQVARCTKIINADSEDPKYIINVKQFAKFVVDLSQVAPTDIEEGMRV GVDRNKYQIHIPLPPKIDPTVTMMQVEEKPDVTYSVGGCKEQIEKLREVVETPLLHPERFVNLGIEPPK GVLLFGPPGTGKTL CARAVANRTDACFIRVIGSELVQKYVGEGARMVREL FEMARTKKACLIFFDEIDAI GGARFDDGAGGDNEVQRTMLELINQLDGFDPGRNIKVL MATNRPDTLDPALMRPGR LDRKIEFSLPDLEG RTHIFIKIHARMSVERDIRFELLARLCPNSTGAEIRSVCTEAGMFAIRARRKIATEKDFLEAVNKVIKSY AKFSATPRYMTYN TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_002803
ORF Size:	1299 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_002803.2</u>
RefSeq Size:	2846 bp
RefSeq ORF:	1302 bp
Locus ID:	5701
UniProt ID:	<u>P35998</u>
Cytogenetics:	7q22.1
MW:	48.6 kDa