

Product datasheet for **RC217500A1V**

Human SAMD7 (NM_182610) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SAMD7 (NM_182610) AAV Particle
Tag:	Myc-DDK
Symbol:	SAMD7
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC217500 representing NM_182610 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCTGTGAACCTTTATTGACACCAACAGGGCAGCAGACAATCCCACTGATCCCTCACCATTGGGC
CTCCAAGTGTGGACAGAGATGTATTGCCTTCCACCGTAGCTCCAAGTACCAAGACAGTTTGCCTTCC
TTCCCAATTTGGATCCTCTGTTCTACCAAAACACAAATATGGCAAATGTGTTGTCAGTCGGATCTACCA
GGTTGGGGCATTTTACCACCTGAATCCATAAAGGCAGTGGCCAGAAGGAATGAAATGATTCAACGGCATC
ATACTGCCAGGACAGAAATGAAATGTATGCTATTTACCAGCAAAGGAGAATGGAAAAATTAATCCAA
GGGACTAGCAGGCCTAGGGATACCTTCTCTATGGCTCCAGTGTCCAGCTGCCCGCTGCCTACCAT
GGCAGGAGCATGCTCCCTGCCGGTGACCTGCATTTTACAGAAGCACCTCAGAAACCTTCAGGGAAACC
CCATGCTAGCGGCAACTGCACCACACTTTGAGGAGAGCTGGGGCAGAGATGTCGTCGACTCAGGAAAAA
TACAGGGAATCAAAAAGCTCTAGACAGTGATGCTGAGAGTTCCAAAAGTCAAGCAGAAGAAAAATCCTA
GGTCAGACTCATGCAGTTCCTATGAAGAGGATCATTATGCAAAAGACCCAGACATTGAAGCACCCAGCA
ACCAGAAGTCAAGTGAAACGAATGAAAAGCCAACGACAGCTCTTGCCAAACCTGTGGAGAGCTCGAGCC
CACCATAGGAAACCTGGGGGTCTCACACCACTACCTGAAAGCAAAGGCCTGGGACGATGGGAAAGAG
GAGGCTTCGGAGCAGATTTTGTCAACCTGTGATGAAAAGAAATGGGGTTTGCCCTCCAGTTCCTCGACCAT
CTCTGCCAGGAACACATGCACTGGTTACAATTGGGGGAATCTTTCTTTGGATGAAGATATTCAGAAGTG
GACCGTGGATGATGTGCACAGCTTCATTTCGAGCCTTCCAGGTTGTTTCAGACTATGCTCAGGTATTTAA
GATCATGCAATTGATGGAGAACTTTGCCATTACTCACAGAAGAGCATCTTCAGGCACTATGGGATTAA
AGCTAGGGCCGGCACTAAAAATTCAGTCACAGGTATCTCAGCATGTGGGAAGTATGTTCTACAAGAAAAC
TCTTTTCATTTCTATAAGACAAGCATTTGATCAACCAGCAGATACATCCCTCTTCTGGATCCTAATTCC
TGGAGTGATACAATGAACATTTTGTCCCCAGGATACAATAATTCCTAAAGGAATTGAGCGAGGTAGTA
TGAGAAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC217500 representing NM_182610 Red=Cloning site Green=Tags(s) MAVNPLLTPTGQQTIPSPFPGPTVDRDVLPTVAPTDPQRQFCVPSQFGSSVLPNTNMANVLSSRIYP GWGILPPESIKAVARRNEMIQRHHTARTEMEMYAIYQRRMEKINPKGLAGLGIPFLYGSSVPAAPAYH GRSMPLAGDLHFHRSTLRNLQGNPMLAATAPHFEESWGQRCRRLRKNTGNQKALDSAESSKSQAEEKIL GQTHAVPYEEDHYAKDPDIEAPSNQKSSETNEKPTTALANTCGELEPTHRKPWGSHTTTLKAKAWDDGKE EASEQIFATCDEKNGVCPVPRPSLPGTHALVTIGGNLSLDEDIQKWTVDVHSFIRSLPGCSDYAQVFK DHAIDGETLPLLTEEHLRGTMGLKLGPAKIQSQVSQHVGSFMFYKKTLSFPIRQAFDQPADTSPLLDPN WSDTMNIFCPQDTIIPKGIERGSMRN TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_182610
ORF Size:	1338 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_182610.1</u>
RefSeq Size:	2281 bp
RefSeq ORF:	1341 bp
Locus ID:	344658
UniProt ID:	<u>Q7Z3H4</u>
Cytogenetics:	3q26.2
MW:	48.9 kDa