

Product datasheet for **RC214566A1V**

Human SETD3 (NM_032233) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SETD3 (NM_032233) AAV Particle
Tag:	Myc-DDK
Symbol:	SETD3
Synonyms:	C14orf154; hSETD3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC214566 representing NM_032233
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGGTAGAAGAGTCGAGTAAAACTCAGAAATCTGGCACTGGTGCTACAGCAACTGTGTACCAAAGG
 AAATCTTGAACCTGACCAGTGAGCTGCTGCAGAAATGCAGCAGTCCGGCGCCTGGCCAGGAAAAGAGTG
 GGAAGAGTATGTGCAGATCCGGACTCTGGTTGAGAAAAACGGAAGCAAGGCTGTGTCCGTTACT
 TTTGATGGAAAAAGAGAAGATTCTTCTGATCTAATGAAATGGGCCTCTGAAATGGGCTTCTGTGCG
 AGGGTTTTGAAATGGTTAACTTCAAAGAAGAGGGCTTTGGTTTGGAGCAACAAGAGATATCAAGGCAGA
 AGAATTGTTTTATGGTTCCACGAAATGCTAATGACTGTTGAATCTGCTAAAAATTCAGTGTGGGG
 CCCTTATATTCTCAAGACCGAATCCTTCAAGCCATGGGAAACATCGCACTGGCCTTTCATTTGCTGTGTG
 AGCGAGCCAGCCCTAACTCCTTCTGGCAGCCCTATATTCAAACCTCCCACTGAATATGACACTCCTCT
 CTACTTTGAAGAAGATGAAGTTCGGTATCTTCAGTCCACACAAGCTATACATGATGTCTTCAGCCAGTAT
 AAAACACAGCTCGACAGTACGCCTACTTCTATAAAGTCATCCAGACCATCCTCATGCCAACAACTAC
 CCTTGAAGGATTCTTTCACCTTACGAGGACTACAGGTGGGCACTCTCTTCTGTTATGACGAGGCAAAACCA
 AATTCCCACAGAGGATGGTTCGCCGCTGACCCTGGCTCTGATTCTTTATGGGATATGTGTAACCAACC
 AACGGCCTGATCACTACTGGTTACAACCTGGAAGATGACCGCTGTGAGTGTGTGGCTCTGCAGGATTTTC
 GGGCTGGAGAGCAGATTTACATTTTTTATGGCACTCGATCCAACGCAGAGTTTGTGATCCACAGTGGTTT
 TTTCTTTGACAATAACTCACAGCAGAGTGAAATAAAGCTTGGAGTGAGTAAAGTGACAGACTCTAC
 GCCATGAAGGCCGAGGTCTTGGCTCGTGCCGGCATCCCACTTCCAGTGTGTTTGCATTGCATTTTACCG
 AGCCGCCCATCTCTGCTCAGCTTTTGGCTTTTCTCCGAGTATTCTGTATGACTGAAGAAGAACTGAAAGA
 ACACCTTCTGGGAGACAGCGCTATTGATAGAATCTTCACCTTGGGGAACCTCGGAATTTCTGTTAGCTGG
 GACAACGAGGTCAAACCTTGGACATTTCTTGAAGATAGAGCCTCACTTCTTTAAAAACATATAAAACAA
 CTATTGAGGAAGATAAATCCGCTTGAAGAACACGATCTTCTGTTCTGTCGAAAAATGGCCATCAAATT
 GCGCTTAGGTGAGAAAGAGATTTTGAAGAACAGTAAAGAGTGCAGCTGTCAACCGGAATACTATCGC
 CAACAGATGGAGGAAAAGGCTCCGCTTCCCAAATGAAGAGAGTAACCTTGGGCTGTTGGAGAGCAGCG
 TGGGGGACTCGAGGCTCCCCCTGGTCTTGAGAACTCGAGGAGGAGGCTGGAGTGCAGGATGCCTTGAA
 CATCAGAGAGGCAATCAGCAAAGCAAAGGCCACAGAAAACGGGCTTGAAACGGTGAAAACCTCTATCCCT
 AATGGGACCAGGTCCGAAATGAAAGTCTCAATCAAGAAAGTAAAGAGCAGTTGAAGACGCCAAAGGAT
 CTTCTTCAGACAGCACTGCTGGAGTTAAGGAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MGKKSrvKTQKSGTGATATVSPKEILNLTSELLQKCSSPAPGPGKEWEEYVQIRTLVEKIRKKQKGLSVT
 FDGKREDYFPDLMKWAENGASVEGFEMVNFKEEGFGLRATRDIAEELFLWVPRKLLMTVESAKNSVLG
 PLYSQDRILQAMGNIALAFHLLCERASPNFWQPYIQTLPSEYDTPLYFEEDVRYLQSTQAIHDVFSQY
 KNTARQYAYFYKVIQTHPHANKLPLKDSFTYEDYRWAVSSVMTRQNQIPTEDGSRVTLAL IPLWDMCNHT
 NGLITTYNLEDDRCEVALQDFRAGEQIYIFYGTRSNAEFVIHSGFFDNNSHDRVKIKLGVSKSDRLY
 AMKAEVLARAGIPTSSVFALHFTEPPISAQLLAFLRVFCMTEELKEHLLGDSRIDRIFTLGNSEFPVSW
 DNEVKLWTFLEDRASLLKTYKTTIEEDKSVLKNHDLVSRAKMAIKRLGEKEILEKAVKSAVNREYYR
 QQMEEKAPLPKYEESNLGLLESSVGDRLPLVLRNLEEEAGVQDALNIREAISKAKATENGLVNGENSIP
 NGTRSENESLNQESKRAVEDAKGSSSDSTAGVKE

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_032233
ORF Size:	1782 bp
Buffer:	PBS with 0.001% Pluronic F7234
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_032233.2</u>
RefSeq Size:	2905 bp
RefSeq ORF:	1785 bp
Locus ID:	84193
UniProt ID:	<u>Q86TU7</u>
Cytogenetics:	14q32.2
MW:	67.1 kDa