

Product datasheet for **RC239273A1V**

Human SYDEI (NM_001300910) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	SYDEI
Synonyms:	7h3; SYD1
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC239273 representing NM_001300910
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTACTATAGGGCGCCGGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
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ATGCCGAGCCGCTACTCAGGAAAACCTTCTCCCGCTGCGGGCCGGGAGAACTTCCCCGAAAAAGT
 CGGACGCCAAGGAGCGCGGGCTGGGGTACCTGGCACTGGGGAGCCCGCCGGCAGATCTGGTACAACCC
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 GCCCGGCCAGGCGCCTTCCATAAAGATGAAGAAGTCCCGAAGTGGCGCCCGCTGAGCCTGCGAGG
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 CCTGCCCGACAATCTCCAGATGTCGCGCCTTACTTGCACCCAAACGACAGCCACTCTGCACCTGCCG
 CTGGCAGACCCGAAGTGGTACTCGGCCCGGCTCGAGGAGCCCGAAAGCCCGGAGCAACCGCT
 ACGCCGGCAGCTGGAGCTTTGCGGGCGGACTTCTGCCCTGTGGGCGGGATTTCCTGTCCGGGCCAGA
 CTACGACCAGTGCAGGCACTGACAGCGAGGACGAGGACGAGGAGGTGCGCGAGCCGAGGGTACCCGGT
 GACTTCGAAGACGACTTCGATGCGCCCTTCAACCCGCACCTGAATCTCAAAGACTTCGACGCCCTCATCC
 TGGATCTGGAGAGAGACTCTCAAGCAAATCAACGTGTGCCTC

ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC239273 representing NM_001300910
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MAEPLLRKTF SRLRGREKLPRKSDAKERGPGVPGTGEPAGEI WYNPIPEEDPRPPAPEPPGPQPGSAES
 EGLAPQGAAPASPTKASRTKSPGPARRLSIKMKKLP E LRRRLSLRGPRAGERERAAAPAGSVISRYHLD
 SSVGGPGPAAGPGGTRSPRAGYLSGDSPERPAGPPSPTSFRPYEVGPAARAPPAALWGRLSLHL YGLGG
 LRPAPGATPRDCLLQVDGEARARTGPLRGGPDFLRLDHTFHLELEAARLLRALVLA WDPGVRHRHPCA
 QGTVLLPTVFRGCQAQLAVRLEPQGLLYAKLTLSEQQEAPATAEPRVFG LPLPLLVERERPPGQVPLII
 QKCVGQIERRGLRVVGLYRLCGSAAVKKELRDAFERDSA AVCLSEDLYPDINVTGILKDYLR ELPPLI
 TQPLYKVVLEAMARDPPNRVPTTEGTRGLLSCLPDVERATL TLLLDHLRLVSSFHAYNRMT PQNLAVCF
 GPVLLPARQAPTRPRARSSGPLASAVDFKHIEVLHYLLQSWDPRLPRQSPDVAPYLRPKRQPPLHLP
 LADPEVVTRPRGRGGPESPPSNRYAGDWSVCGRDFLPCGRDFL SGPDYDHVTGSDSEDEEVEGEPVRTG
 DFEDDFDAPFNPHLNKDFDALILDLEREL SKQINVCL

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species: Human

Serotype:	AAV-2
ACCN:	NM_001300910
ORF Size:	2004 bp
Buffer:	PBS with 0.001% Pluronic F11031
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_001300910.1</u>
RefSeq Size:	3118 bp
RefSeq ORF:	2007 bp
Locus ID:	85360
UniProt ID:	<u>Q6ZW31</u>
Cytogenetics:	19p13.12
MW:	73.4 kDa