

## Product datasheet for **RC223321A1V**

### Human SYDEI (NM\_033025) 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: >RC223321 representing NM\_033025  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC  
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ATGGCCGAGCCGCTACTCAGAAAACTTCTCCCCTGCGGGCCGGGAGAACTTCCCCGAAAAAGT  
CGGACGCCAAGGAGCGCGGCCACCCAGCCAGCCAGAGCCAGCCCTCCAGAGCCAGAGCCCCAGGC  
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GCCTACCTGCAAAGCTGGAGCCAGTAGCCCGCATGGGTGCTGGGTGGGCAAGCCAGCTGAGGACA  
CCTCTTAGGGCTGGGTACTGGCACTGGGAGCCCGCCGGCGAGATCTGGTACAACCCATCCCTGA  
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TGGACTTCAAGCACACATCGAGGTGCTGCACTACCTGCTGCACTTTGGCCAGATCCCCGCTGCCCG  
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CCCGAAGTGGTACTCGGCCCGGGTGGAGGAGCCCGAAAGCCCCCGAGCAACCGCTACGCCGGC  
ACTGGAGCGTTTGGGGCGGGACTTCTGCCTTGTGGCGGGATTCTCTGTCCGGCCAGACTACGACCA  
CGTGACGGGCACTGACAGCGAGGACGAGGAGGAGGTCGGCGAGCCGAGGGTCAACCGGTGACTTCGAA  
GACGACTTCGATGCGCCCTCAACCCGACCTGAATCTCAAAGACTTCGACGCCCTCATCTGGATCTGG  
AGAGAGAGCTCTCAAGCAAATCAACGTGTGCCTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

<b>Protein Sequence:</b>	>RC223321 representing NM_033025 Red=Cloning site Green=Tags(s)  MAEPLLRKTF SRLRGREKLPRKKSDAKERGHPAQRPEPSPPEPEPQAEPSQAGAEGPSSPEASRSPARG AYLQSLPSSRRWVLGGAKPAEDTSLGPGVPGTGEPAGEIWNPIPEEDPRPPAPEPPGPQPSAESEGL APQGAAPASPPTKASRTKSPGPARRLSIKMKKLPRLRRRLSLRGPRAGRERERAAPAGSVISRYHLDSSV GGPGPAAGPGGTRSPRAGYLSGDSPERPAGPPSPTSFRPYEVGPAARAPPAALWGRLSLHLYGLGLRP APGATPRDLCCLLQVDGEARARTGPLRGGPDFLRLDHTFHLELEAARLLRALVLAWDPGVRRHRPCAQGT VLLPTVFRGCQAQQLAVRLEPQGLLYAKLTLSEQQEAPATAEPRVFGPLPLLLVERERPPGQVPLIIQKC VGQIERRGLRVVGLYRLCGSAAVKKELRDAFERDSAAVCLSEDLYPDINVTGILKDYLRLEPLITQP LYKVVLEAMARDPPNRPVPTTEGTRGLLSCLPDVERATLTLLEDHLRLVSSFHAYNRMTQNLAVCFGPV LLPARQAPTRPRARSSGPGLASAVDFKHHIEVLHYLLQSWDPRLPRQSPDVAPYLRPKRQPPLHLPLAD PEVVTRPRGRGGPESPPSNRYAGDWSVCGRDFLPCGRDFLSGPDYDHTVGTSDSEDEEVEGEPRTVGTDFE DDFDAPFNPHLNLKDFDALILDLEREL SKQINVCL  TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
<b>Species:</b>	Human
<b>Serotype:</b>	AAV-2
<b>ACCN:</b>	NM_033025
<b>ORF Size:</b>	2205 bp
<b>Buffer:</b>	PBS with 0.001% Pluronic F8639
<b>Stability:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_033025.4</a> , <a href="#">NP_149014.3</a>
<b>RefSeq Size:</b>	3254 bp
<b>RefSeq ORF:</b>	2208 bp
<b>Locus ID:</b>	85360
<b>UniProt ID:</b>	<a href="#">Q6ZW31</a>
<b>Cytogenetics:</b>	19p13.12
<b>MW:</b>	80.2 kDa