

## Product datasheet for **RC205212A1V**

### Human **SUCLA2 (NM\_003850) AAV Particle**

#### Product data:

Product Type:	AAV Particles
Product Name:	Human SUCLA2 (NM_003850) AAV Particle
Tag:	Myc-DDK
Symbol:	SUCLA2
Synonyms:	A-BETA; A-SCS; LINC00444; MTDP55; SCS-betaA
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>RC205212 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCGCCTCCATGTTCTACGGCAGGCTAGTGGCCGTGGCCACCCTTCGGAACCACCGCCTCGGACGG  
 CCCAGCGGGCTGCTGCTCAGTTCTGGGAAGTTCTGGATTGTTTAATAACCATGGACTCCAAGTACAGCA  
 GCAACAGCAAAGGAATCTCTCACTACATGAATACATGAGTATGGAATTATTGCAAGAAGCTGGTGTCTCC  
 GTTCCAAAGGATATGTGGCAAAGTACCAGATGAAGCTTATGCAATTGCCAAAAAATTAGGTTCAAAG  
 ATGTCGTGATAAAGGCACAGGTTTTAGCTGGTGGTAGAGGAAAAGGAACATTTGAAAGTGGCCTCAAAGG  
 AGGAGTGAAGATAGTTTTCTCTCCAGAAGAAGCAAAGCTGTTTCTCACAAATGATTGGGAAAAAATTG  
 TTTACCAAGCAAACGGGAGAAAAGGCGAGAATATGCAATCAAGTATTGGTCTGTGAGCGAAAATATCCCA  
 GGAGAGAATACTACTTTGCAATAACAATGGAAAGTCAATTCAGGTCCTGTATTAATAGGAAGTTCACA  
 TGGTGGTGTCAACATTGAAGATGTTGCTGCTGAGTCTCCTGAAGCAATAATTAAGAACCTATTGATATT  
 GAAGAAGGCATCAAAAAGGAACAAGCTCTCCAGCTTGACAGAAGATGGGATTTCCACCTAATATTGTGG  
 AATCAGCAGCAGAAAACATGGTCAAGCTTTACAGCCTTTTTCTGAAATACGATGCAACCATGATAGAAAT  
 AAATCCAATGGTGAAGATTCAGATGGAGCTGTATTGTGTATGGATGCAAAGTCAATTTTGACTCTAAT  
 TCAGCCTATCGCCAAAAGAAAATCTTTGATCTACAGGACTGGACCCAGGAAGTGAAGGGACAAAGATG  
 CTGCTAAGGCAAACTCAACTACATTGGCCTCGATGGAATATAGGCTGCCTAGTAAATGGTGTGGTTT  
 GGCTATGGCCACAATGGATATAATAAACTTCATGGAGGGACTCCAGCCAACTCCTTGATGTTGGTGGT  
 GGTGCTACAGTCCATCAAGTAAACAGAAGCATTTAAGCTTATCACTTCAGATAAAAAGTACTGGCTATTC  
 TGGTCAACATTTTGGAGGAATCATGCGCTGTGATGTTATTGCACAGGGTATAGTCATGGCAGTAAAAGA  
 CTTGGAAATTAATAACCTGTTGTGGTACGGTTACAAGGTACAGGATCGATGATGCTAAGGCACACTGATA  
 GCGGACAGTGGACTTAAATACTTGCTGTGATGACTTGGATGAAGCTGCTAGAATGGTTGTAAGCTCT  
 CTGAAATAGTGACCTTAGCGAAGCAAGCACATGTGGATGTGAAATTTAGTTGCCAATA

**ACGCGT**ACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC205212 protein sequence  
 Red=Cloning site Green=Tags(s)

MAASMFYGRLLVAVATLRNHRPRTAQRAAAQVLGSSGLFNNHGLVQVQQQQRNLSLHEYMSMELLQEAGVS  
 VPKGYVAKSPDEAYAIKKLGSKDVVIKAQVLAGGRGKGFESGLKGGVKIVFSPEEAKAVSSQMIGKKL  
 FTKQTGEKGRICNQVLVCERKYPREYYFAITMERSFQGPVLIGSSHGGVNIEDVAAESPEAIIKEPIDI  
 EEGIKKEQALQLAQKMGFPNIVESAAENMVKLYSLFLKYDATMIEINPMVEDSDGAVLCMDAKINFDSN  
 SAYRQKKIFDLQDWTQEDERDKDAKANLNYIGLDGNI GCLVNGAGLAMATMDI IKLHGGTPANFLDVG  
 GATVHQVTEAFKLITSDKKVLA ILVNI FGGIMRCDVIAQGI VMAVKDLEIKIPVVVRLQGTRVDDAKALI  
 ADSGLKILACDDLDEAARMVVKLSEIVTLAKQAHVDVKFQLPI

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Human

**Serotype:**

AAV-2

**ACCN:**

NM\_003850

**ORF Size:**

1389 bp

**Buffer:**

PBS with 0.001% Pluronic F68

<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>	<u>NM_003850.1</u>
<b>RefSeq Size:</b>	2182 bp
<b>RefSeq ORF:</b>	1392 bp
<b>Locus ID:</b>	8803
<b>UniProt ID:</b>	<u>Q9P2R7</u>
<b>Cytogenetics:</b>	13q14.2
<b>MW:</b>	50.3 kDa