

## Product datasheet for **RC206855A1V**

### Human ACADS (NM\_000017) AAV Particle

#### Product data:

|                |                            |
|----------------|----------------------------|
| Product Type:  | AAV Particles              |
| Tag:           | Myc-DDK                    |
| Symbol:        | ACADS                      |
| Synonyms:      | ACAD3; SCAD                |
| Mammalian Cell | None                       |
| Selection:     |                            |
| Vector:        | pAAV-AC-Myc-DDK (PS100089) |

**ORF Nucleotide Sequence:** >RC206855 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGCCGCCGCGTGTCTGCCCGGGCTCGGGCCCTGCCCGCAGAGCTCTGTCTAGGGCTGGCGGC  
AGTTACACACCATCTACCAGTCTGTGGAAGTCCCGAGACACACCAGATGTTGCTCCAGACATGCCGGGA  
CTTTGCCGAGAAGGAGTTGTTCCCATTCAGCCAGGTGGATAAGGAACATCTTTCCAGCGGCTCAG  
GTGAAGAAGATGGCGGGCTTGGGCTTCTGGCCATGGACGTGCCCGAGGAGCTTGGCGGTGCTGGCCTCG  
ATTACCTGGCTACGCCATCGCCATGGAGGAGATCAGCCCGGCTGCGCCTCCACCGGAGTCATCATGAG  
TGTCACAACCTCTCTACCTGGGGCCATCTTGAAGTTTGGCTCCAAGGAGCAGAAGCAGGCGTGGGTC  
ACGCCTTTACCAGTGGTGACAAAATTGGCTGCTTTGCCCTCAGCGAACCAGGGAACGGCAGTGATGCAG  
GAGCTGCGTCCACCACCGCCGGGCGGAGGGCGACTCATGGTTCTGAATGGAACAAAGCCTGGATCAC  
CAATGCCTGGGAGGCTTCGGCTGCCGTGGTCTTTGCCAGCACGGACAGAGCCCTGCAAAACAAGAGCATC  
AGTGCCTTCTGGTCCCATGCCAACGCCTGGGCTCACGTTGGGAAGAAAGAACAAGTGGGATCC  
GGGGCTCATCCACGGCCAACCTCATCTTTGAGGACTGTCGCATCCCAAGGACAGCATCCTGGGGGAGCC  
AGGGATGGGCTTCAAGATAGCCATGCAAAACCCTGGACATGGGCCGATCGGCATCGCCTCCAGGCCCTG  
GGCATTGCCAGACCGCCCTCGATTGTGCTGTGAACTACGCTGAGAATCGCATGGCCTTCGGGGCGCCCC  
TCACCAAGCTCCAGGTATCCAGTTCAAGTTGGCAGACATGGCCCTGGCCCTGGAGAGTGGCCGGCTGCT  
GACCTGGCGTGTCCATGCTGAAGGATAACAAGAAGCCTTTTCATCAAGGAGGCAAGCCATGGCCAAAGCTG  
GCCGCTCGGAGGCGCGACCGCCATCAGCCACCAGGCCATCCAGATCCTGGCGGCATGGGCTACGTGA  
CAGAGATGCCGGCAGAGCGGCACTACCGCGACGCCCGCATCACTGAGATCTACGAGGACACAGCGAAAT  
CCAGCGGCTGGTATCGCCGGCATCTGCTCAGGAGCTACCGGAGC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



|                          |  |
|--------------------------|--|
| <b>Protein Sequence:</b> | >RC206855 protein sequence<br>Red=Cloning site Green=Tags(s)<br><br>MAAALLARASGPARRALCPRAWRLHTIYQSVELPETHQMLLQTCRDFAEKELFPIAAQVDKEHLFPAAQ<br>VKKMGGLGLLAMDVPEELGGAGLDYLAYAIAMEEISRGCASTGVIMSVNNSLYLGPILKFGSKEQKQAWV<br>TPFTSGDKIGCFALSEPGNGSDAGAASTTARAEGDSWVLNGTKAWITNAWEASA AVVFASDRALQNKSI<br>SAFLVPMPTPGLTLGKKEDKLGIRGSSTANLIFEDCRIPKDSILGEPGMGFKIAMQTLDMGRIGIASQAL<br>GIAQTALDCAVNYAENRMAFGAPLTKLQVIQFKLADMALALESARLLTWRAAMLKDNKPPFKEAAMAKL<br>AASEAATAISHQAIQILGGMGYVTEMPAERHYRDARITEIYEGTSEIQRLVIAGHLLRSYRS<br><br>TRTRPLEQKLI SEEDLAANDILDYKDDDDKV |
| <b>Species:</b>          | Human  |
| <b>Serotype:</b>         | AAV-2  |
| <b>ACCN:</b>             | NM_000017  |
| <b>ORF Size:</b>         | 1236 bp  |
| <b>Buffer:</b>           | 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>           | <a href="#">NM_000017.1</a>  |
| <b>RefSeq Size:</b>      | 1934 bp  |
| <b>RefSeq ORF:</b>       | 1239 bp  |
| <b>Locus ID:</b>         | 35   |
| <b>UniProt ID:</b>       | <a href="#">P16219</a>   |
| <b>Cytogenetics:</b>     | 12q24.31   |
| <b>MW:</b>               | 44.3 kDa   |