

## Product datasheet for **RC226908A1V**

### Human SAE1 (NM\_001145713) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Product Name:** Human SAE1 (NM\_001145713) AAV Particle  
**Tag:** Myc-DDK  
**Symbol:** SAE1  
**Synonyms:** AOS1; HSPC140; SUA1; UBLE1A  
**Mammalian Cell Selection:** None  
**Vector:** pAAV-AC-Myc-DDK (PS100089)  
**ORF Nucleotide Sequence:** >RC226908 representing NM\_001145713  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGATCGCC

ATGGTGGAGAAGGAGGAGGCTGGCGCGGCATTAGCGAGGAGGAGGCGGCACAGTATGACCGGCAGATCC  
 GCCTGTGGGACTGGAGGCCAGAAACGGCTGCGGGCCTCTCGGGTCTTCTTGTGCGCTTAAAGGACT  
 TGGGCTGAAATTGCCAAGAATCTCATCTTGGCAGGAGTAAAGGACTGACCATGCTGGATCACGAACAG  
 GTAACCCAGAAGATCCCGAGCTCAGTCTTGATTTCGTAAGGCTGTTGGCCGAAATAGGGCTGAAG  
 CCTTTTGGAGCGAGCTCAGAATCTCAACCCCATGGTGGATGTGAAGGTGGACACTGAGGATATAGAGAA  
 GAAACCAGAGTCAATTTTCACTCAATTCGATGCTGTGTCTGACTTGCTGCTCCAGGGATGTCATAGTT  
 AAAGTTGACCAGATCTGTCACAAAAATAGCATCAAGTTCTTTACAGGAGATGTTTTGGCTACCATGGAT  
 ACACATTTGCCAATCTAGGAGAGCATGAGTTTGTAGAGGAGAAAATAAAGTTGCCAAAGTTAGCCAAGG  
 AGTAGAAGATGGGCCGACACCAAGAGAGCAAACTTGATTCTTCTGAGACAACGATGGTCAAAAAGAAG  
 GTGGTCTTCTGCCCTGTTAAAGAAGCCCTGGAGGTGGACTGGAGCAGTGAGAAAGCAAAGGCTGCTCTGA  
 AGCGCACGACCTCCGACTACTTCTCCTCAAGCCCTGTCTCAGCGGGACCCTCCTCACAACAACCTTCT  
 TCTTCTCGATGGCATGAAGGGGAATGGGATTGTGGAGTGCCTTGGCCCCAAGTGAACCTCAAGATTTGCC  
 AGCCCCAGAGATGCCAACTGCAGCATGCCACCTGTATTCCTGTCCCCTTCTTCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RC226908 representing NM\_001145713  
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MVEKEEAGGGISEEEAAQYDRQIRLWGLEAQKRLRASRVLLVGLKGLGAEIAKNLILAGVKGLTMLDHEQ  
 VTPEDPGAQFLIRTGSVGRNRAEASLERAQNLNPMVDVKVDTEIEKKPESFFTQF DAVCLTCCSRDVIV  
 KVDQICHKNSIKFFTGDVFGYHGYYTFANLGEHEFVEEKTAKVVSQGVEDGPDTKRAKLDSETTMVKKK  
 VVFCPVKEALEVDWSSEKAKAALKRRTTSDYFLLQGPVSAGPSSQQLLLLRWHEGEWDCGVPWPQVNSRFG  
 SPRDANCSMPTCIPCPLPS

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

**Species:** Human

**Serotype:** AAV-2

**ACCN:** NM\_001145713

**ORF Size:** 897 bp

**Buffer:** PBS with 0.001% Pluronic F68

**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:** [NM\\_001145713.1](#)

**RefSeq ORF:** 900 bp

**Locus ID:** 10055

**UniProt ID:** [Q9UBE0](#)

**Cytogenetics:** 19q13.32

**MW:** 32.9 kDa