

## Product datasheet for **RC227306A1V**

### Human SYBL1 (VAMP7) (NM\_001145149) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Product Name:** Human SYBL1 (VAMP7) (NM\_001145149) AAV Particle  
**Tag:** Myc-DDK  
**Symbol:** SYBL1  
**Synonyms:** SYBL1; TI-VAMP; TIVAMP; VAMP-7  
**Mammalian Cell Selection:** None  
**Vector:** pAAV-AC-Myc-DDK (PS100089)  
**ORF Nucleotide Sequence:** >RC227306 representing NM\_001145149  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGCGATTCTTTTGTGTTGTTGCCAGGGGGACCACTATCCTTGCCAAACATGCTTGGTGTGGAGGAA  
 ACTTCTGGAGGATTTGAACGTTCCCGAGCCTTTAATTTCTGAATGAGATAAAGAAGAGGTTCCAGAC  
 TACTTACGGTTCAAGAGCACAGACAGCACTTCCATATGCCATGAATAGCGAGTTCTCAAGTGTCTTAGCT  
 GCACAGCTGAAGCATCACTCTGAGAATAAGGGCCTAGACAAAGTGATGGAGACTCAAGCCCAAGTGGATG  
 AACTGAAAGGAATCATGGTCAGAAACATAGATCTGGTAGCTCAGCGAGGAGAAAGATTGGAATTATTGAT  
 TGACAAAACAGAAAATCTTGTGGATTCTTCTGTACCTTCAAACTACCAGCAGAAATCTTGCTCGAGCC  
 ATGTGTATGAAGAACCTCAAGCTCACTATTATCATCATCATCGTATCAATTGTGTTTCATCTATATCATTG  
 TTTCACCTCTCTGTGGTGGATTTACATGGCCAAGCTGTGTGAAGAAA

**ACGCGT**ACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC227306 representing NM\_001145149  
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MAILFAVVARGTTILAKHAWCGGNFLEDFERSRAFNFLNEIKKRFQTTYGSRAQTALPYAMNSEFSSVLA  
 AQLKHSENKGLDKVMETQAQVDELKGIMVRNIDLVAQRGERLELLIDKTENLVDSSVTFKTTSRNLARA  
 MCMKNLKLTIIVSIVFIYIIVSPLCGGFTWPSCVKK

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:** Human  
**Serotype:** AAV-2


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|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ACCN:         | NM_001145149                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| ORF Size:     | 537 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:       | <u><a href="#">NM_001145149.1</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| RefSeq ORF:   | 540 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Locus ID:     | 6845                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| UniProt ID:   | <u><a href="#">P51809</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Cytogenetics: | Xq28 and Yq12                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| MW:           | 19.9 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |