

## Product datasheet for **RC214112A1V**

### Human SCML1 (NM\_001037535) AAV Particle

#### Product data:

|                           |                                                                                |
|---------------------------|--------------------------------------------------------------------------------|
| Product Type:             | AAV Particles                                                                  |
| Product Name:             | Human SCML1 (NM_001037535) AAV Particle                                        |
| Tag:                      | Myc-DDK                                                                        |
| Symbol:                   | SCML1                                                                          |
| Mammalian Cell Selection: | None                                                                           |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                                                     |
| ORF Nucleotide Sequence:  | >RC214112 representing NM_001037535<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGATGTCTAACAGCTCCAGTGAATCGATGTGCAGGAACCGAATATTGTATCTGACGCATCCTGTAATA  
CTGAAGAGCAACTGAAGACAGTTGATGATGTCCTTATTCATTGCCAGGTTATATATGATGCTCTGCAAAA  
CCTGGATAAGAAGATTGATGTGATTCGTAGAAAGGTTTCAAAAATCCAACGTTTCCATGCGAGATCCCTG  
TGGACAAATCATAAGCGATATGGATATAAAAAGCATTCTTACCGGCTTGTTAAAAAGCTTAAACTCCAGA  
AAATGAAGAAAAATGAGGTTTACGAGACATTCTCTACCCTGAAAGTTACAGCCCACTTTACCAGTGTC  
AAGGCGTGAGAATAATCCCCGAGCAACCTTCCAAGGCCATCCTTTGTCATGGAAGAATACCAGCGAGCT  
GAGCTGGAGGAGGACCCGATCCTCAGCCGCACTCCGAGTCCAGTGCATCCCTCAGATTTCTCTGAGCATA  
ATTGTCAGCCGTATTATGCATCTGATGGTGCAACGTATGGTTCTTCTCAGGGCTCTGCCTTGGCAACCC  
TCGGGCTGACAGCATCCACAACCTTACTCAACTGACCATGCTTCTGCAGCACCACCTTCAGTTACAAGG  
TCACCAGTTGAAAATGACGGTTACATAGAGGAAGGAAGCATCACTAAGCACCTTCAACCTGGTCGGTGG  
AAGCAGTGGTCTATTTCTAAACAAACAGATCCTCTTGCAATTATGCCCTCTTGTCGACCTCTTCAGAAG  
CCATGAAATTGACGGGAAGGCTCTGCTCTACTCACGAGTGACGTGTTGCTGAAGCACTTGGGGGTGAAG  
CTGGGAACGGCTGTGAAGCTATGCTACTACATTGACCGACTTAACAAGGAAAAATGCTTTGAAAAAT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protein Sequence:</b> | <p>&gt;RC214112 representing NM_001037535</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MMSNSSSEIDVQEPNIVSDASCNTEEQKLTVDVLIHCQVIYDALQNLDKKIDVIRRKVSKIQRFHARSL<br/> WTNHKRYGYKKHSYRLVKKLKLQMKKNEVYETFSYPEYSPTLPVSRRENNSPSNLPRPSFCMEEYQRA<br/> ELEEDPILSRTPSPVHPSDFSEHNCQPYASDGATYGSSSGLCLGNPRADSIHNTYSTDHASAAPPSVTR<br/> SPVENDGYIEEGSITKHPSTWSVEAVVFLKQTDPLALCPLVDLFRSHEIDGKALLLTSDVLLKHLGVK<br/> LGTAVKLCYYIDRLKQKCFEN</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>           |
| <b>Species:</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Serotype:</b>         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>ACCN:</b>             | NM_001037535                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>ORF Size:</b>         | 906 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>           | <u>NM_001037535.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>RefSeq Size:</b>      | 2693 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>RefSeq ORF:</b>       | 627 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Locus ID:</b>         | 6322                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>UniProt ID:</b>       | <u>Q9UN30</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Cytogenetics:</b>     | Xp22.13                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>MW:</b>               | 34.22 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |