

## Product datasheet for **RC222664A1V**

### Human Sumo 2 (SUMO2) (NM\_001005849) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Product Name:** Human Sumo 2 (SUMO2) (NM\_001005849) AAV Particle  
**Tag:** Myc-DDK  
**Symbol:** Sumo 2  
**Synonyms:** HSMT3; Smt3A; SMT3B; SMT3H2; SUMO3  
**Mammalian Cell Selection:** None  
**Vector:** pAAV-AC-Myc-DDK (PS100089)  
**ORF Nucleotide Sequence:** >RC222664 representing NM\_001005849  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGCCGACGAAAAGCCCAAGGAAGGAGTCAAGACTGAGAACAACGATCATATTAATTTGAAGGTGGCGG  
GGCAGGATGGTTCTGTGGTGCAGTTTAAGATTAAGAGGCATACACCACTTAGTAACTAATGAAAGCCTA  
TTGTGAACGACAGTTGGAAATGGAGGATGAAGATACAATTGATGTGTTCCAACAGCAGACGGGAGGTGTC  
TAC

**ACGCGT**ACGCGCGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC222664 representing NM\_001005849  
Red=Cloning site Green=Tags(s)  
MADEKPKKEGVKTENNDHINLKVAGQDGSVVQFKIKRHTPLSKLMKAYCERQLEMEDEDTIDVFQQQTGGV  
Y

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:** Human  
**Serotype:** AAV-2  
**ACCN:** NM\_001005849  
**ORF Size:** 213 bp  
**Buffer:** PBS with 0.001% Pluronic F68



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**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\\_001005849.1](#)

**RefSeq Size:** 994 bp

**RefSeq ORF:** 216 bp

**Locus ID:** 6613

**UniProt ID:** [P61956](#)

**Cytogenetics:** 17q25.1

**MW:** 7.9 kDa