

Product datasheet for **RC235491A1V**

Human Small integral membrane protein 1 (SMIM1) (NM_001288583) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Human Small integral membrane protein 1 (SMIM1) (NM_001288583) AAV Particle
Tag: Myc-DDK
Symbol: Small integral membrane protein 1
Synonyms: Vel
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC235491 representing NM_001288583
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCAGCCCCAGGAGAGCCACGTCCACTATAGTAGGTGGGAGGACGGCAGCAGGGACGGAGTCAGCCTAG
GGGCTGTGTCCAGCACAGAAGAGGCCTCACGCTGCCGACAGGATCTCCAGAGGCTGTGCACGGGCAAGCT
GGGCATCGCCATGAAGGTGCTGGCGGCGTGGCCCTCTTCTGGATCATCTTCATCCTGGGCTACCTCACA
GGCTACTATGTGCACAAGTGCAA

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC235491 representing NM_001288583
Red=Cloning site Green=Tags(s)
MQPQESHVHYSRWEDGSRDGVSLGAVSSTEEASRCRRISQRLCTGKLGIAMKVLGGVALFWIIFILGYLT
GYVHKCK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human
Serotype: AAV-2
ACCN: NM_001288583
ORF Size: 234 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:	<u>NM_001288583.1</u>
RefSeq Size:	529 bp
RefSeq ORF:	237 bp
Locus ID:	388588
UniProt ID:	<u>B2RUZ4</u>
Cytogenetics:	1p36.32
MW:	8.7 kDa