

Product datasheet for **RC203791A1V**

Human SMNDC1 (NM_005871) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SMNDC1 (NM_005871) AAV Particle
Tag:	Myc-DDK
Symbol:	SMNDC1
Synonyms:	SMNR; SPF30; TDRD16C
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC203791 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTCAGAGGATTTAGCAAAGCAGCTGGCAAGCTACAAAGCTCAGCTCCAGCAAGTTGAAGCTGCATTAT
CTGGAAATGGAGAAAATGAAGATTTGCTAAAATTGAAGAAAGATTTACAAGAAGTTATAGAATAACCAA
AGACCTTCTGTCAACTCAACCTTCTGAGACGCTTGCAAGTTCAGACAGTTTGTCTTCACTCAACCTACT
CATTTCATGGAAAGTAGGAGACAAGTGTATGGCAGTCTGGAGTGAAGATGGACAGTGTTATGAAGCGGAGA
TTGAGGAGATAGATGAAGAAAATGGCACCGCTGCAATCACCTTTGCTGGTTATGGCAATGCTGAAGTGAC
TCCACTGTTGAACCTCAAGCCTGTAGAAGAAGGAAGGAAGGCAAGGAGGACAGTGGCAACAAACCCATG
TCAAAAAAAGAAATGATTGCCAGCAGCGTGAATATAAAAAAGAAAGCTTTGAAAAAGCTCAGAGAA
TAAAGAACTTGAGCAGGAAAGAGAGGACCAGAAAGTGAATGGCAACAATTCAACAACAGAGCCTATTC
TAAAAACAAAAAGGCCAGGTAAGAGGAGTATTTTGTTCACCTGAGAGTGTGACTGGTAAAGTTGGA
GTAGGAACCTGTGAATTGCTGATAAACCTATGACACAATATCAAGATACCTCTAAATACAATGTCAGGC
ATTTGATGCCTCAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC203791 protein sequence Red=Cloning site Green=Tags(s) MSEDLAKQLASYKAQLQQVEAALSGNGENEDLLKLLKDLQEVIELTKDLLSTQPSETLASSDSFASTQPT HSWKVGDKCMAVWSEDDGQCYEAEIEEIDEENGTAITFAGYGNAEVTPLLNLKPVEEGRKAKEDSGNKPM SKKEMIAQQREYKKKKALKKAQRIKELEQEREDQKVKWQQFNNRAYSKNKKGQVKRSIFASPESVTGKVG VGTGCIADKPMTQYQDTSKYNVRHLM PQ TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_005871
ORF Size:	714 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>NM_005871.2</u>
RefSeq Size:	2043 bp
RefSeq ORF:	717 bp
Locus ID:	10285
UniProt ID:	<u>O75940</u>
Cytogenetics:	10q25.2
MW:	26.7 kDa