

Product datasheet for **RC203568A1V**

Human SMCR7L (MIEF1) (NM_019008) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SMCR7L (MIEF1) (NM_019008) AAV Particle
Tag:	Myc-DDK
Symbol:	SMCR7L
Synonyms:	AltMIEF1; dj1104E15.3; HSU79252; MID51; MIEF1-MP; SMCR7L
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC203568 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGGCAGCGCTGGTGAAGCAAGGATGACAATGGCATTGGCACGGCCATTGACTTTGTGC
 TCTCAATGCCCGCTGGTCTGGGGTGGGTGGAGCGCCATGCTGGGCATCGCCACGCTGGCAGTTAA
 GCGGATGTACGATCGGGCGATCAGTGCCCTACCGCCACCCGCTGAGCCATTGGGGAAAAAGGAGC
 TGGGAAGAACCAACTGGATGGGCTCCCACTGCTGAACAGGGACATGAAGACGGGCTGAGCCGT
 CCTTGCAGACCTTCCACAGACTCCTCCACTTCGACACAGATACATTCTGCCGCCCCGGCCCAAGCC
 AGTGGCCAGGAAGGGCCAGGTAGACTTGAAGAAGTACGACTCCGCATGTCCCTGCAGGAGAACTTCTT
 ACTTACTACCGAACCGGCAGCCATCCCTGCTGGAGAGCAGGCTCGGGCAAGCAAGCTGCTGTGGACA
 TATGTGCCGAGCTCCGAGCTTCTGCGGGCAAGTTGCCTGACATGCCGCTTCGGGACATGTACTTGAG
 TGGCAGCTCTACGATGACCTGCAGGTGGTACAGCTGACCACATCCAATCATTGTGCCCTTGTGCTG
 GAGCAGAACCTGTGGTATGTATTCTGGTGAAGACACCATCATGAATGTCCCTGGCTTCTTCTGGTGC
 GTCGTGAGAATCCAGAGTACTTCTCGTGGGAGCAGTTACTGGGACCGCTGTGTAGTAGGGGGTACCT
 CTCTCAAAGACAGTCGAGATACATTTGAGAAGGTAGTGGCTGGCTCCATCAATTGGCCAGCCATAGGG
 TCCCTCTTGGACTATGTATCCGCCCGGCCACCCCAAGCCCTCACACTGGAGGTGAGTATGAGC
 GTGACAAACATCTCTTATTGACTTCTGCCATCAGTGACCTCGGTGACACAGTCTTGGTGGCCAAACC
 ACACCGGCTAGCCAGTATGACAACCTGTGGCGGCTGAGCCTGCGTCCCGGGAGACGGCAGCCTGCGG
 GCTCTGGACAGGCTGACTCGGGCTGCCGATCTCTGTGCTCAAGATCCTCAAGGCCATATGCAAGTCCA
 CCCCAGGCTCTGGGCCACCTCACTGCCAGCCAGTAACCAATGTATCTCCACTTGGCCAGGAGGAGGC
 TGACTGGTCTCCGGATATGCTGGCCGACCGTTTCTGTCAGGCCTTGAGGGGACTTATCAGCTACTTAGAG
 GCTGGAGTCTGCCAGTGCCTAAACCCCAAGGTGAATTTATTCAGAGCTCACCCCTGAAGAAATAG
 ACGAATTAGGATACACTCTGTATTGCTCATTGTCTGAGCCAGAGGTGCTGCTGCAGACG

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC203568 protein sequence
 Red=Cloning site Green=Tags(s)

MAGAGERKGGKDDNGIGTAIDFVLSNARLVLVGGAAMLGIATLAVKRMVDRAISAPTSPTRLSHSGKRS
 WEEPNWNGSPRLLNRDMKTGLSRSLQTLPTDSTFDTFPPRPKPVARKGQVDLKKSRRLMSLQEKLL
 TYYRNRAAIPAGEQARAKQAVIDCAELRSFLRAKLPMPLRDMYLSGSLYDDLQVVTADHIQLIVPLVL
 EQNLWSCIPGEDTIMNVPGFLLVRRENPEYFPRGSSYWDRCVVGGLSPKTVADTFEKKVAGSINWPAIG
 SLLDYVIRPAPPPEALTLEVQYERDKHLFIDFLPSVTLGDTVLVAKPHRLAQYDNLWRLSLRPAETARLR
 ALDQADSGCRSLCLKILKAICKSTPALGHLTASQLTNVILHLAQEEADWSPDMLADRFLQALRGLISYLE
 AGVLPSALNPKVNLFAELTPEEIDELGYTLYCSLSEPEVLLQT

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_019008

ORF Size:

1389 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_019008.4</u>
RefSeq Size:	5730 bp
RefSeq ORF:	1392 bp
Locus ID:	54471
UniProt ID:	<u>Q9NQG6</u>
Cytogenetics:	22q13.1
MW:	51.3 kDa