

Product datasheet for **RC226078A1V**

Human SPARCL1 (NM_001128310) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SPARCL1 (NM_001128310) AAV Particle
Tag:	Myc-DDK
Symbol:	SPARCL1
Synonyms:	MAST 9; MAST9; PIG33; SC1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC226078 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAAGACTGGGCTTTTTTCTATGTCTCTTGGGAAGTGCAGCTGCAATCCCGACAAATGCAAGATTAT
 TATCTGATCATTCCAAACCAACTGCTGAAACGGTAGCACCCGACAACACTGCAATCCCCAGTTTAAGGGC
 TGAAGATGAAGAAATGAAAAAGAAACAGCAGTATCCACAGAAGACGATTCCCACCATAAGGCTGAAAA
 TCATCAGTACTAAAGTCAAAGAGGAAAGCCATGAACAGTCAGCAGAACAGGGCAAGAGTTCTAGCCAAG
 AGCTGGGATTGAAGGATCAAGAGGACAGTGATGGTGACTTAAGTGTGAATTTGGAGTATGCACCAACTGA
 AGGTACATTGGACATAAAGAAGATATGAGTGAGCCTCAGGAGAAAAACTCTCAGAGAACACTGATTTT
 TTGGCTCTGGTGTAGTTCCTTACAGATTCTAACCAACAAGAAAGTATCACAAGAGAGAGGAAAAACC
 AAGAACAACCTAGAAATTATTCACATCATCAGTTGAACAGGAGCAGTAAACATAGCCAAGGCCTAAGGGA
 TCAAGGAAACCAAGAGCAGGATCCAAATATTTCCAATGGAGAAGAGGAAGAAGAAAAAGGCCAGGTGAA
 GTTGGTACCCACAATGATAACCAAGAAAGAAAGACAGAATTGCCAGGGAGCATGCTAACAGCAAGCAGG
 AGGAAGACAATACCCAATCTGATGATATTTTGAAGAGTCTGATCAACCAACTCAAGTAAGCAAGATGCA
 GGAGGATGAATTTGATCAGGGTAACCAAGAACAAGAAGATAACTCCAATGCAGAAATGGAAGAGGAAAAAT
 GCATCGAACGTCAATAAGCACATTCAAGAACTGAATGGCAGAGTCAAGAGGGTAAAACTGGCCTAGAAG
 CTATCAGCAACCAAGAGACAGAAGAAAAGACTGTTTCTGAGGCTCTGCTCATGGAACCTACTGATGA
 TGGTAATACCACGCCCAGAAATCATGGAGTTGATGATGATGGCGATGATGATGGCGATGATGGCGGCACT
 GATGGCCCCAGGCACAGTGCAAGTGTGACTACTTCATCCCAAGCCAGGCCTTTCTGGAGGCCGAGAGAG
 CTCAATCCATTGCCTATCACCTCAAAATTGAGGAGCAAAGAGAAAAAGTACATGAAAATGAAAATATAGG
 TACCACTGAGCCTGGAGAGCACCAAGAGGCCAAGAAAGCAGAGAACTCATCAAAATGAGGAGGAAACGTCA
 AGTGAAGGCAACATGAGGGTGATGCTGTGGATTCTTGATGAGCTTCCAGTGTAAAAGAGGCCACATCT
 GTAAGGCAGACCAACAGGGAACCTCACTGTGTCTGCCAGGATCCAGTGACTTGTCTCCAACAAAACC
 CCTTGATCAAGTTTGTGGCACTGACAATCAGACCTATGCTAGTTCCTGTCTATTCGCTACTAAATGC
 AGACTGGAGGGGACCAAAAAGGGGCATCAACTCCAGCTGGATTATTTGGAGCCTGCAATCTATTCTTA
 CTTGTACGGACTTTGAAGTGATTCAGTTTCTCTACGGATGAGAGACTGGCTCAAGAATATCCTCATGCA
 GCTTTATGAAGCCAACCTGAACACGCTGGTTATCTAAATGAGAAGCAGAGAAATAAGTCAAGAAAATT
 TACCTGGATGAAAAGAGGCTTTTGGCTGGGGACCATCCATTGACCTTCTTTAAGGGACTTTAAGAAAA
 ACTACCACATGTATGTGTATCCTGTGCACTGGCAGTTTGTGAACTTGACCAACACCCTATGGATAGAGT
 CTTGACACATTCTGAACTTGCTCCTCTGCGAGCATCTCTGGTGCCCATGGAACACTGCATAACCCGTTTC
 TTTGAGGAGTGTGACCCCAACAAGGATAAGCACATCACCTGAAGGAGTGGGGCACTGCTTTGGAATTA
 AAGAAGAGGACATAGATGAAAATCTCTTGTTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC226078 protein sequence Red=Cloning site Green=Tags(s) MKTGLFFLCLLGTAAAIPTNARLLSDHSKPTAETVAPDNTAIPSLRAEDEENEKETAVSTEDDSHHKAEEK SSVLKSKEESHEQSAEQKSSSQELGLKDQEDSDGDL SVNLEYAPTEGTLDIKEDMSEPQEKKLSNTDF LAPGVSSFTDSNQQESITKREENQEQRNYSHHQLNRSSKHSQGLRDQGNQE QDPNISNGEEEEKEPGE VGTHNDNQERKTELPREHANSKQEEEDNTQSDDILEESDQPTQVSKMQEDEFDQGNQE QEDNSNAEMEEEN ASNVNKHIEQETEQSQEGKTGLEAISNKHETEEKTVSEALLMEPTDDGNTTPRNHGVDDDDGDDGDDGGT DGPRHSASDDYFIPSQAFLEAERAQSIAYHLKIEEQREKVHENENIGTTEPGEHQEAKKAENSSNEEETS SEGMRVHAVDSCMSFQCKRGHICKADQQGKPHVCQDPVTCPPTKPLDQVCGTDNQTYASSCHLFATKC RLEGTKKGHQLQLDYFGACKSIPTCTDFEVIQFPLMRDWLKNILMQLYEANSEHAGYLNKQRNKVKKI YLDEKRLLAGDHPIDLLLRDFKKNYHMYVYPVHWQFSELDQHPMDRVLTHSELAPLRASLVPMHCITRF FEEDPNKDKHITLKEWGHCFGIKEEDIDENLLF TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001128310
ORF Size:	1992 bp
Buffer:	PBS with 0.001% Pluronic F9004
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_001128310.1</u>
RefSeq Size:	3012 bp
RefSeq ORF:	1995 bp
Locus ID:	8404
UniProt ID:	<u>Q14515</u>
Cytogenetics:	4q22.1
MW:	75.2 kDa