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Product datasheet for RC207583A1V

Human SPARCL1 (NM_004684) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SPARCL1 (NM_004684) 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:

>RC207583 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAAGACTGGGCTTTTTTTCCTATGTCTCTTGGGAACTGCAGCTGCAATCCCGACAAATGCAAGATTAT
TATCTGATCATTCCAAACCAACTGCTGAAACGGTAGCACCCGACAACACTGCAATCCCCAGTTTAAGGGC
TGAAGATGAAGAAAATGAAAAAGAAACAGCAGTATCCACAGAAGACGATTCCCACCATAAGGCTGAAAAA
TCATCAGTACTAAAGTCAAAAGAGGAAAGCCATGAACAGTCAGCAGAACAGGGCAAGAGTTCTAGCCAAG
AGCTGGGATTGAAGGATCAAGAGGACAGTGATGGTGACTTAAGTGTGAATTTGGAGTATGCACCAACTGA
AGGTACATTGGACATAAAAGAAGATATGAGTGAGCCTCAGGAGAAAAAACTCTCAGAGAACACTGATTTT
TTGGCTCCTGGTGTTAGTTCCTTCACAGATTCTAACCAACAAGAAAGTATCACAAAGAGAGAGGAAAACC
AAGAACAACCTAGAAATTATTCACATCATCAGTTGAACAGGAGCAGTAAACATAGCCAAGGCCTAAGGGA
TCAAGGAAACCAAGAGCAGGATCCAAATATTTCCAATGGAGAAGAGGAAGAAGAAAAAGAGCCAGGTGAA
GTTGGTACCCACAATGATAACCAAGAAAGAAAGACAGAATTGCCCAGGGAGCATGCTAACAGCAAGCAGG
AGGAAGACAATACCCAATCTGATGATATTTTGGAAGAGTCTGATCAACCAACTCAAGTAAGCAAGATGCA
GGAGGATGAATTTGATCAGGGTAACCAAGAACAAGAAGATAACTCCAATGCAGAAATGGAAGAGGAAAAT
GCATCGAACGTCAATAAGCACATTCAAGAAACTGAATGGCAGAGTCAAGAGGGTAAAACTGGCCTAGAAG
CTATCAGCAACCACAAAGAGACAGAAGAAAAGACTGTTTCTGAGGCTCTGCTCATGGAACCTACTGATGA
TGGTAATACCACGCCCAGAAATCATGGAGTTGATGATGATGGCGATGATGATGGCGATGATGGCGGCACT
GATGGCCCCAGGCACAGTGCAAGTGATGACTACTTCATCCCAAGCCAGGCCTTTCTGGAGGCCGAGAGAG
CTCAATCCATTGCCTATCACCTCAAAATTGAGGAGCAAAGAGAAAAAGTACATGAAAATGAAAATATAGG
TACCACTGAGCCTGGAGAGCACCAAGAGGCCAAGAAAGCAGAGAACTCATCAAATGAGGAGGAAACGTCA
AGTGAAGGCAACATGAGGGTGCATGCTGTGGATTCTTGCATGAGCTTCCAGTGTAAAAGAGGCCACATCT
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AGACTGGAGGGGACCAAAAAGGGGCATCAACTCCAGCTGGATTATTTTGGAGCCTGCAAATCTATTCCTA
CTTGTACGGACTTTGAAGTGATTCAGTTTCCTCTACGGATGAGAGACTGGCTCAAGAATATCCTCATGCA
GCTTTATGAAGCCAACTCTGAACACGCTGGTTATCTAAATGAGAAGCAGAGAAATAAAGTCAAGAAAATT
TACCTGGATGAAAAGAGGCTTTTGGCTGGGGACCATCCCATTGACCTTCTCTTAAGGGACTTTAAGAAAA
ACTACCACATGTATGTGTATCCTGTGCACTGGCAGTTTAGTGAACTTGACCAACACCCTATGGATAGAGT
CTTGACACATTCTGAACTTGCTCCTCTGCGAGCATCTCTGGTGCCCATGGAACACTGCATAACCCGTTTC
TTTGAGGAGTGTGACCCCAACAAGGATAAGCACATCACCCTGAAGGAGTGGGGCCACTGCTTTGGAATTA
AAGAAGAGGACATAGATGAAAATCTCTTGTTT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC207583 protein sequence
Red=Cloning site Green=Tags(s)

MKTGLFFLCLLGTAAAIPTNARLLSDHSKPTAETVAPDNTAIPSLRAEDEENEKETAVSTEDDSHHKAEK
SSVLKSKEESHEQSAEQGKSSSQELGLKDQEDSDGDLSVNLEYAPTEGTLDIKEDMSEPQEKKLSENTDF
LAPGVSSFTDSNQQESITKREENQEQPRNYSHHQLNRSSKHSQGLRDQGNQEQDPNISNGEEEEEKEPGE
VGTHNDNQERKTELPREHANSKQEEDNTQSDDILEESDQPTQVSKMQEDEFDQGNQEQEDNSNAEMEEEN
ASNVNKHIQETEWQSQEGKTGLEAISNHKETEEKTVSEALLMEPTDDGNTTPRNHGVDDDGDDDGDDGGT
DGPRHSASDDYFIPSQAFLEAERAQSIAYHLKIEEQREKVHENENIGTTEPGEHQEAKKAENSSNEEETS
SEGNMRVHAVDSCMSFQCKRGHICKADQQGKPHCVCQDPVTCPPTKPLDQVCGTDNQTYASSCHLFATKC
RLEGTKKGHQLQLDYFGACKSIPTCTDFEVIQFPLRMRDWLKNILMQLYEANSEHAGYLNEKQRNKVKKI
YLDEKRLLAGDHPIDLLLRDFKKNYHMYVYPVHWQFSELDQHPMDRVLTHSELAPLRASLVPMEHCITRF
FEECDPNKDKHITLKEWGHCFGIKEEDIDENLLF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_004684

ORF Size: 1992 bp

Buffer: PBS with 0.001% Pluronic F6096

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_004684.2

RefSeq Size: 2910 bp

RefSeq ORF: 1995 bp

Locus ID: 8404

UniProt ID: Q14515

Cytogenetics: 4q22.1

MW: 75.2 kDa