

Product datasheet for **RC238798**

SPARCL1 (NM_001291976) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SPARCL1 (NM_001291976) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	SPARCL1
Synonyms:	MAST 9; MAST9; PIG33; SC1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>RC238798 representing NM_001291976
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGTGAGCCTCAGGAGAAAAAAGCTCTCAGAGAACAAGTATTTTGGCTCCTGGTGTAGTTCCTTCA
 CAGATTCTAACCAACAAGAAAGTATCACAAAGAGAGAGGAAAACCAAGAACAACCTAGAAATTATTCACA
 TCATCAGTTGAACAGGAGCAGTAAACATAGCCAAGGCCTAAGGGATCAAGGAAACCAAGAGCAGGATCCA
 AATATTTCCAATGGAGAAGAGGAAGAAGAAAAAGGCCAGGTGAAGTTGGTACCCACAATGATAACCAAG
 AAAGAAAGACAGAATTGCCAGGAGCATGCTAACAGCAAGCAGGAGGAAGACAATACCCAATCTGATGA
 TATTTTGGAAAGTCTGATCAACCAACTCAAGTAAAGCAAGATGCAGGAGGATGAATTTGATCAGGGTAA
 CAAGAACAAGAAGATAACTCCAATGCAGAAATGGAAGAGGAAAAATGCATCGAACGTCATAAGCACATTC
 AAGAACTGAATGGCAGAGTCAAGAGGGTAAAAGTGGCTAGAAGCTATCAGCAACCACAAAGAGACAGA
 AGAAAAGACTGTTTCTGAGGCTCTGCTCATGGAACCTACTGATGATGGTAAATACCACGCCAGAAATCAT
 GGAGTTGATGATGATGGCGATGATGATGGCGATGATGGCGGCACTGATGGCCCCAGGCACAGTGCAGTG
 ATGACTACTTCATCCCAAGCCAGGCCTTTCTGGAGGCCGAGAGAGCTCAATCCATTGCCTATCACCTCAA
 AATTGAGGAGCAAAGAGAAAAAGTACATGAAAAATGAAAAATATAGGTACCACTGAGCCTGGAGAGCACAA
 GAGGCCAAGAAAGCAGAGAACTCATCAATGAGGAGGAAACGTCAGTGAAGGCAACATGAGGGTGCATG
 CTGTGGATTCTTGCATGAGCTCCAGTGTAAAAGAGGCCACATCTGTAAGGCAGACCAACAGGGAAAAACC
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 AATCAGACCTATGCTAGTCTCTGTCATCTATTCGCTACTAAATGCAGACTGGAGGGGACCAAAAAGGGGC
 ATCAACTCCAGCTGGATTATTTTGGAGCCTGCAAAATCTATTCCTACTTGTACGGACTTTGAAGTGATTCA
 GTTTCCTCTACGGATGAGAGACTGGCTCAAGAATATCCTCATGCAGCTTTATGAAGCCAACCTCTGAACAC
 GCTGGTTATCTAAATGAGAAGCAGAGAAAATAAAGTCAAGAAAATTTACCTGGATGAAAAGAGGCTTTTGG
 CTGGGGACCATCCCATTGATCTTCTCTTAAGGGACTTTAAGAAAACTACCACATGTATGTGTATCTGT
 GCACTGGCAGTTTGTGAAGTGGACCAACACCCTATGGATAGAGTCTTGACACATTCTGAACTTGTCTCT
 CTGCGAGCATCTCTGGTGGCCATGGAACACTGCATAACCCGTTTCTTTGAGGAGTGTGACCCCAACAAGG
 ATAAGCACATCACCTGAAGGAGTGGGGCCACTGCTTTGGAATTAAGAAGAGGACATAGATGAAAATCT
 CTTGTTT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC238798 representing NM_001291976
 Red=Cloning site Green=Tags(s)

MSEPQEKKLSENTDFLAPGVSSFTDSNQESITKREENQEQRNYSHHQLNRSSKHSQGLRDQGNQEODP
 NISNGEEEEKEPGEVGTNDNQRKTELPREHANSKQEEEDNTQSDDILEESDQPTQVSKMQEDEFDQGN
 QEQEDNSNAEMEEENASNVNKHIEQETEWQSQEGKGLEAISNHKETEETVSEALLMEPTDDGNTTPRNH
 GVDDDDGDDGDDGTDGPRHSASDDYFIPSQAFLEAERAQSIAYHLKIEEQREKVHENENIGTTEPGEHQ
 EAKKAENSSNEEETSSEGNMRVHAVDSCMSFQCKRGHICKADQQGKPHVCQDPVTCPPTKPLDQVCGTD
 NQTYASSCHLFATKCRLEGTKKGHLQLDYFGACKSIPTCTDFEVIQFPLRMRDWLKNILMQLYEANSEH
 AGYLNEKQRNKVKKIYLDKRLLAGDHPIDLLLRDFKKNYHMYVYPVHWQFSELDQHPMDRVLTHSELAP
 LRASLVPMEHCITRFEECDPNKDKHITLKEWGHCFGIKEEDIDENLLF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

ACCN:	NM_001291976
ORF Size:	1617 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_001291976.1 , NP_001278905.1
RefSeq Size:	3019 bp
RefSeq ORF:	1620 bp
Locus ID:	8404
UniProt ID:	Q14515
Cytogenetics:	4q22.1
Protein Families:	Druggable Genome, Secreted Protein
MW:	62.2 kDa