

Product datasheet for **MR209764**

Sparcl1 (NM_010097) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sparcl1 (NM_010097) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Sparcl1
Synonyms:	Ecm2; hevin; mast9; Sc1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide
Sequence:

>MR209764 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAGGCTGTGCTTCTCCTCTGTGCGCCTTGGGAACCGCTGTGGCAATCCCGACAAGTACAAGGTTTC
 TCTCTGACCACTCAACCCAACACTGCAACACTGGTGACACCGGAAGAGCTACAGTCCCATTGCCGG
 GGTGAAGCTACAGCAGACATAGAAAACCATCCAATGACAAGGCTGAAAAACCTTCAGCACTTAATTCA
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 AAGGAATGGGGCCACTGCTTTGGAATTAAGAGGAGGATATAGATGAAAACCTCCTCTTT

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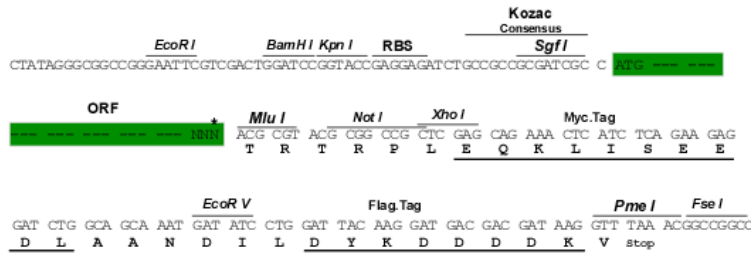
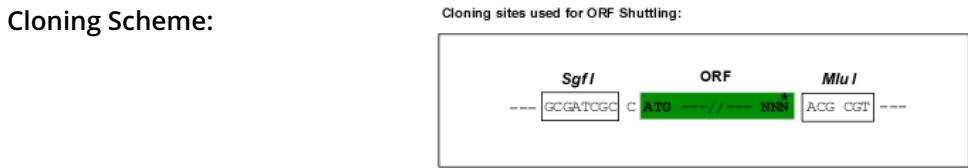
Protein Sequence: >MR209764 protein sequence
 Red=Cloning site Green=Tags(s)

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MKAVLLLLCALGTAVAIPTSTRFLSDHSNPPTATLVTPEDATVPIAGVEATADIENHPNDKAEKPSALNS
EEETHEQSTEQDKTYSFEVDLKDEEDGDGDLSDVPTTEGTLTLDLQEGTSEPQKSLPENGDFPATVSTSY
VDPNQNRANITKGKESQEQPVSDSHQQPNESSKQTQDLKAEESQTQDPDIPNEEEEEEEEEEEEEEEEEPEP
IGAPSDNQEEGKEPLEEQPTSKWEGNREQSDDTLEESSQPTQISKTEKHQSEQGNQGQESDSEAGEDKA
AGSKEHIPHTEQQDQEGKAGLEAIGNQKDTDEKAVSTEPDAAVVPRSHGAGDNGGDDSKHGAGDDYF
IPSQEFLEAERMHSLSYLYKGGGEETTTGSENRREAADNQEAKAESSPNAEPSDEGNSREHSAGSCT
NFQCKRGHICKTDPQGKPHCVCDPETCPPAKILDQACGTDNQTYASSCHLFATKCRLEGTKKGHLQLLD
YFGACKSIPACTDFEVAQFPLRMRDWLNILMQLYEPNPKHGGLYNEKQRSKVKKIYLDEKRLLAGDHPI
ELLLRDFKKNYHMYVYPVHWQFNELDQHPADRILTHSELAPLRASLVPMEHCITRFFECDPNKDKHITL
KEWGHCFGIKEEDIDENLLF
    
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TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



* The last codon before the Stop codon of the ORF

ACCN: NM_010097

ORF Size: 1953 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:

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_010097.1](#), [NM_010097.2](#), [NM_010097.3](#), [NM_010097.4](#), [NP_034227.3](#)

RefSeq Size: 3132 bp

RefSeq ORF: 1953 bp

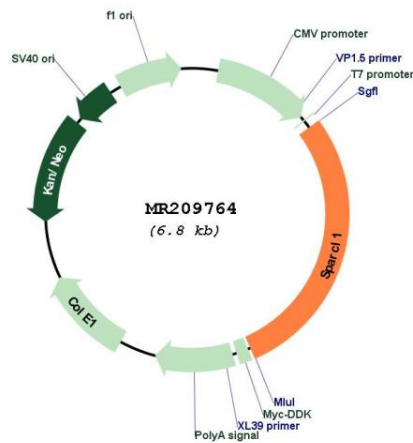
Locus ID: 13602

UniProt ID: [P70663](#)

Cytogenetics: 5 50.55 cM

MW: 72.3 kDa

Product images:



Circular map for MR209764