

Product datasheet for RC205743

SPRING1 (NM_024738) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: SPRING1 (NM_024738) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: SPRING1
Synonyms: C12orf49; LUR1; POST1; SPRING
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC205743 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGTGAACCTGGCGCCATGGTGTGGCGCCGGCTTCTGCGGAAGAGGTGGGTGCTCGCCCTGGTCTTCG
 GGCTGTCGCTCGTCTACTTCTCAGCAGCACCTTCAAGCAGGAGGAGAGGGCAGTGAGAGATAGGAATCT
 CCTCCAGGTTTCATGACCATAATCAGCCCATCCCGTGGAAAGTGCAGTTAACTTGGGCAATAGCAGTCGT
 CCGAGCAATCAGTCCGCAACTCCATTCAAGGGAAGCACCTCATCAGGATGAACCTCGGCTACGTTTGCG
 AGAGGAAGGATTTGCTGGTAAATGGCTGCTGTAATGTCAACGTCCTAGCACGAAGCAGTACTGCTGTGA
 TGGCTGCTGGCCCAACGGCTGCTGCAGCGCCTATGAGTACTGTGTCTCCTGCTGCCTGCAGCCCAACAAG
 CAACTTCTCCTGGAGCGCTTCTCAACCGGCAGCCGTGGCATTCCAGAACCTTTCATGGCAGTCGAAG
 ATCACTTTGAGTTGTGCCTGGCCAAATGCAGGACCTCATCTCAGAGCGTGCAGCATGAGAACACCTACCG
 GGACCCCATAGCAAAGTATTGCTATGGAGAAAGCCCGCCGAGCTTTCCTCCGCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC205743 protein sequence
 Red=Cloning site Green=Tags(s)

MVNLAAMVWRRLLRKRWLALVFGLSLVYFLSSTFKQEERAVRDRNLLQVHDHNQIPWKVQFNLGNSSR
 PSNQCNSIQKHLITDELGYVCERKDLLVNGCCNVNVPSTKQYCCDGCWPNGCCSAYEYCVSCCLQPNK
 QLLLERFLNRAAVAFQNLFMAVEDHFECLAKCRTSSQSVQHENTYRDP IAKYCYGESPELFP A

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

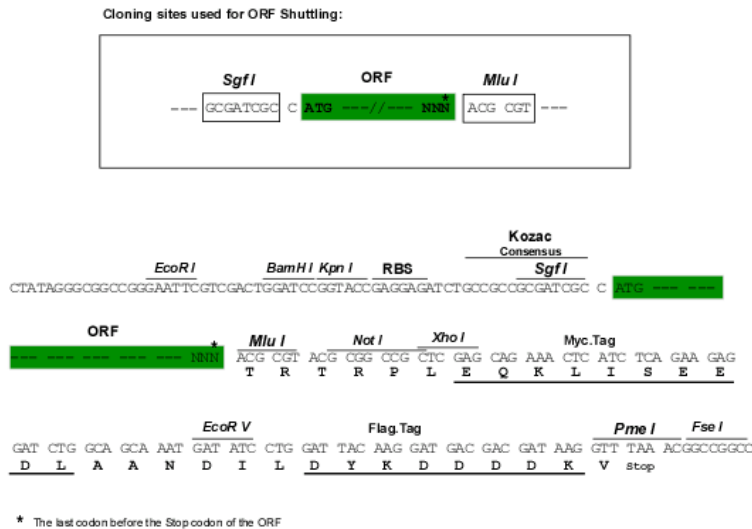


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Chromatograms: https://cdn.origene.com/chromatograms/mk6015_a12.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_024738

ORF Size: 615 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_024738.4](#)

RefSeq Size: 2798 bp

RefSeq ORF: 618 bp

Locus ID: 79794

