

Product datasheet for **SC112029**

SPRING1 (NM_024738) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SPRING1 (NM_024738) Human Untagged Clone
Tag:	Tag Free
Symbol:	SPRING1
Synonyms:	C12orf49; LUR1; POST1; SPRING
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC112029 sequence for NM_024738 edited (data generated by NextGen Sequencing)

```
ATGGTGAACCTGGCGCCATGGTGTGGCGCCGGCTTCTGCGGAAGAGGTGGTGTCTCGCC
CTGGTCTTCGGGCTGTGCGCTCGTCTACTTCCTCAGCAGCACCTTCAAGCAGGAGGAGAGG
GCAGTGAGAGATAGGAATCTCCTCCAGGTTTATGACCATAATCAGCCCATCCCGTGGAAA
GTGCAGTTTAACTTGGGCAATAGCAGTCGTCCGAGCAATCAGTGCCGCAACTCCATTCAA
GGGAAGCACCTCATCACGGATGAACTCGGCTACGTTTGCAGAGGAAGGATTTGCTGGTA
AATGGCTGCTGTAATGTCAACGTCCCTAGCACGAAGCAGTACTGCTGTGATGGCTGCTGG
CCCAACGGCTGCTGCAGCGCCTATGAGTACTGTGTCTCCTGCTGCCTGCAGCCCAACAAG
CAACTTCTCCTGGAGCGTTTCTCAACCGGGCAGCCGTGGCATTCCAGAACCCTTTCATG
GCAGTCGAAGATCACTTTGAGTTGTGCCTGGCCAAATGCAGGACCTCATCTCAGAGCGTG
CAGCATGAGAACACCTACCGGGACCCCATAGCAAAGTATTGCTATGGAGAAAGCCCGCCC
GAGCTCTTCCCCGCTTGA
```

Clone variation with respect to NM_024738.1



[View online »](#)

5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_024738 unedited</p> <pre> ATATTTTGTATACGACTACTATAGGGCGGCCGGAATTCGCACGAGGGCCCAAGGCTGCC GGGAGCAGACTGGGCTGCGGGCGGGCGGGCCGCGCCTGCCTGGAGGGATGGGGCTGCCG GGCGCGTAGGGGCCATGCCGCCCGGGACCCGGGCTGCCGCGTCCGCGCCCCGGCCGCC GCGCCCCACGTCGCGCCGGGATGGTGAACCTGGCGGCCATGGTGTGGCGCCGGCTTCTG CGAAGAGGTGGGTGCTCGCCCTGGTCTTCGGGCTGTCGCTCGTCTACTTCTCCAGCAGC ACCTTCAAGCAGGAGGAGAGGGCAGTGAGAGATAGGAATCTCCTCCAGGTTTCATGACCAT AATCAGCCCATCCCGTGGAAAGTGCAGTTTAACTTGGGCAATAGCAGTCGTCGAGCAAT CAGTGCCGCAACTCCATTCAAGGGAAGCACCTCATCACGATGAACTCGGCTACGTTTGC GAGAGGAAGGATTTGCTGGTAAATGGCTGCTGTAATGTCAACGTCCTTAGCACGAAGCAG TACTGCTGTGATGGCTGCTGGCCCAACGGCTGCTGCAGCGCCTATGAGTACTGTGTCTCC TGCTGCCTGCAGCCCAACAAGCAACTTCTCCTGGAGCGCTTCTCAACCGGGCAGCCGTG GCATTCCAGAACCTTTCATGGCAGTCGAAGATCACTTTGAGTTGTGCCTGGCCAAATGC AGGACCTCATCTCAGAGCGTGCAGCATGAGAACACCTACCGGGACCCCATAGCAAAGTAT TGCTATGGAGAAAGCCCGCCGAGCTTCCCGCTTGACGGTGCAGCGGACTTGCTCAGC CTGGGTGAGGAGGCCCGCTGAAGACTCCCTCCTGGGACCAGCTACCATCGGCCAGCTGC AGAAGAAAACAAGCACGTGAGAAACTTGCTTGACCTCTCGGTGNATCTTGCTTCTACAC CGGC </pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_024738 unedited</p> <pre> CGCTCGCTTTTAGNATCGAGTTTTTTTTTTTTTTTTTTTTTAAATTCCTTTGACATATTC AAC TAGAATGGCAAGGCATTTTCTACATAAAACATTAGAATGTTCCCATTA CTCAAAGGAA TCCAATAAATAATTTTACAGTGAAGAGCCTGGATCAAAACTGGAAGTGACACCGGCCCC CGATGAACACAAGTCACAGGTCCCTGTGCAGGTCCCAGGGCTGAGTCATCCAAGAACTCC ACCACCACCGTGAGCCCGCCTCCGGTTTCATCTTTCCCGAATGGGACTGGCTGGAGGGG CCAAGTGCTTTACAGAAGAGTTCCATCTGGTAAGCCCGGGTGGT GAGCGAAGCCAAAGA TGACAACACGAGAAGGGGTCAAAGCCAAGGTTTCTCACGCTGCCTTTGTCTTCTTCTG CAGCCTGGCCCGATGGCTGAAGCTGGGTCCCAGGAGGCGAGTTCTTCAGCGGGCCTCCT CACCCAGGCTGGAGCAAGTCCGCTGCACCCGTCAAGCGNGAAGAGCTCGGGCGGGCTTT CTCCATAGCAATACTTTGCTATGGGGTCCCGGTAGGTGTTCTCATGCTGCACGCTGAG ATGAGTCTCTGCATTTGGCCAGGCACA ACTCAAAGTGATCTTCGACTGCCATGAAGAGGT TCTGGAATGCCACGGCTGCCCGGTTGAGGAAGCGTCCAGGAGAAGTGCTTGTGGGCT GCAGGCAGCAGGAGACACAGTACTCATAGGCGCTGCAGCAGCCGTTGGGCCAGCAGCCAT CACAGCAGTACTGCTTTCGTGCTTAGGACGCTGACATTACAGCAGCCATTTACCAGCAATC TTTCTCTCGAAACGTAGCCGATTNCATCCGTGATGAGGTGCTTCCCTTTGATGGAGCT GCNGNACTGATTGCTCCGAGACTGCTATGNCNAAGTAACTGACCTTCCACGGATGGCTG ATTATGTCATGACTGNAGAAATCTN </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_024738
Insert Size:	1160 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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_024738.1 , NP_079014.1
RefSeq Size:	2798 bp
RefSeq ORF:	618 bp
Locus ID:	79794
UniProt ID:	Q9H741
Cytogenetics:	12q24.22
Protein Families:	Transmembrane
Gene Summary:	Positively regulates hepatic SREBP signaling pathway by modulating the proper localization of SCAP (SREBP cleavage-activating protein) to the endoplasmic reticulum, thereby controlling the level of functional SCAP.[UniProtKB/Swiss-Prot Function]