

**Specifications:**

Gene:	rSfrp4
Accession:	Q9JLS4
Insert size:	1060bp
Concentration:	10µg at 0.2µg/µL

**rsFRP-4 cDNA  
Plasmid**

**Sfrp4 secreted frizzled-related protein 4 [ *Rattus norvegicus* (Norway rat) ]**

**Summary:**

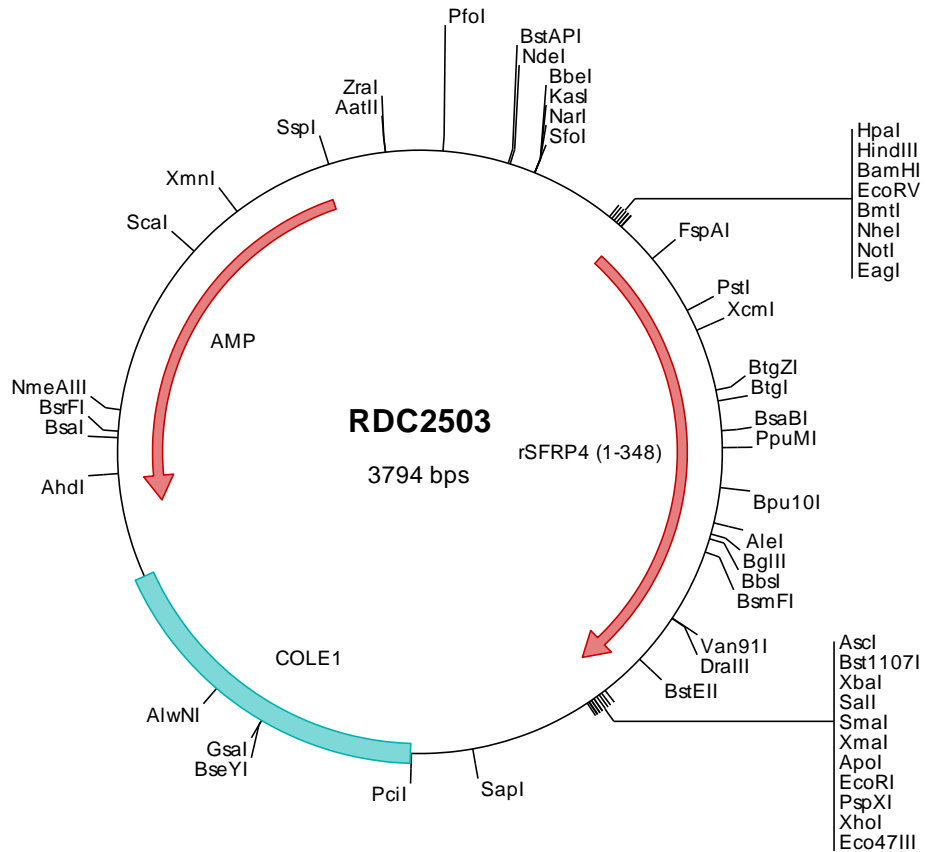
SFRP4 is a member of the secreted frizzled-related protein (SFRP) family that contains a cysteine-rich domain homologous to the putative Wnt-binding site of Frizzled proteins. SFRPs act as soluble modulators of Wnt signaling. The expression of SFRP4 in ventricular myocardium correlates with apoptosis related gene expression.

**Description**

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

**Preparation and Storage**

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC2503 Plasmid DNA Sequence

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1 tcgctgctgtt cggatgatgac ggtgaaaacc totgacacat gcagctcccc gagacgggtca cagcttgtct gtaagcggat gccggggagca gacaagcccc
101 tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg cttaaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201 ccgcacacgat gcgtaaggag aaaatacccc atcaggcgcc attgccatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcctat
301 tacgccagct ggcgaaaagg ggatgtgctg caagcgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
401 ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgccaacc atgtctctct ccatctgggt agcgttatgc ctgtgctgct gctggctct
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2401 cggctacact agaaggacag tatttggat ctgacgctcg ctgaagccag ttacctcgg aaaaagagtt ggtagctctt gatccggcaa acaaacacc
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3601 cctttttcaa tattattgaa gcatttatca ggttattgt ctcatgagcg gatacatatt tgaatgtatt tagaaaaata aacaataggg ggttccgcgc
3701 acatttcccc gaaaagtgcc acctgacgctc taagaacca ttattatcat gacattaacc tataaaaaa ggcgtatcac gaggcccttt cgtc

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> RDC2503 Translated Insert Sequence

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1 mllsilvalc lcvrlalgv r gapceavrip mcrhmpwnit rmpnhlhst genailaieq yeelvdvncs svlrfflcam yapictlefl hdpikpcksv
101 cqrarddcep lmkmyhswp eslacdelpv ydrgvoispe aivtdlpedv kwiditpdmv vqersfdadc khlsprckc kkvkptlaty lsknysvvh
201 akikavqrgs cnevttvvdv keifkssspi prtqvpltn sscqphlp hqdvlimcye rrsrmmllen clvekwrdql srrstqweer lqegqrrttq
301 kkqiasrtsr snppkpkgrs paskpaspkk nikarsapkk snpkkst

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