*m*sFRP-4 VersaClone cDNA

Catalog Number: RDC2354

Specifications:

Gene:	*m*Sfrp4
Accession:	NP_057896
Insert size:	1069bp
Concentration:	10µg at 0.2µg/µL

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

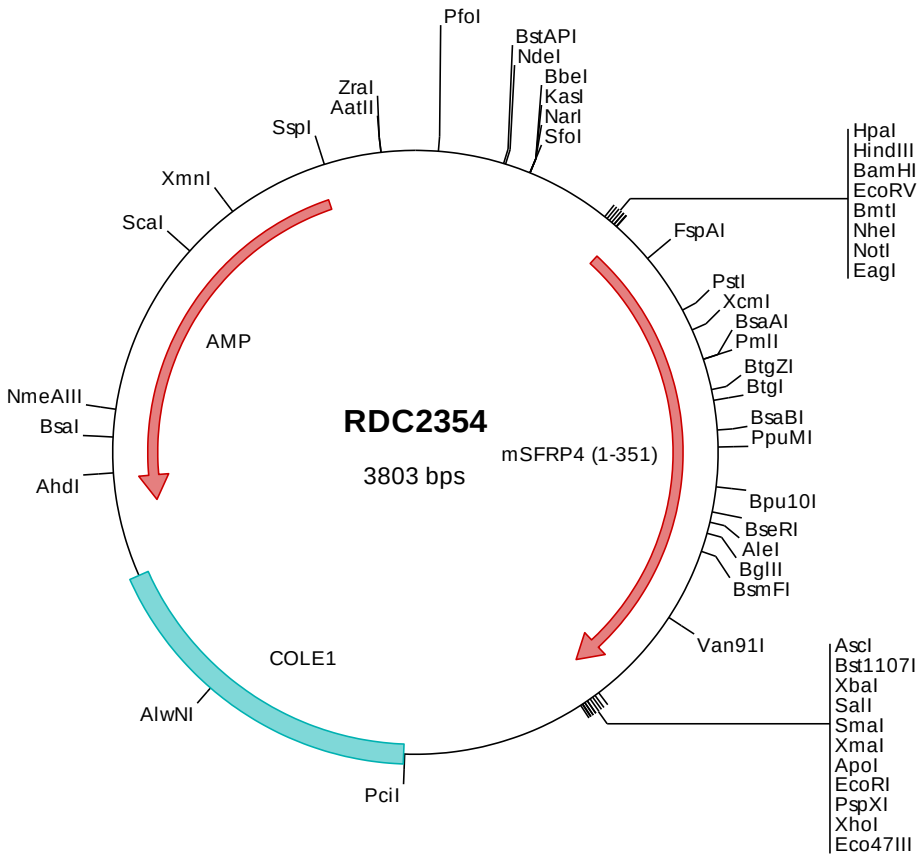
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*m*sFRP-4 cDNA Plasmid

Sfrp4 secreted frizzled-related protein 4 [*Mus musculus* (house mouse)]

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.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

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> RDC2354 Plasmid DNA Sequence

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   1  tcgcgcgttt cggtgatgac ggtgaaaacc tctgacacat gcagctcccg gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
 101  tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg cttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
 201  ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
 301  tacgccagct ggcgaaaggg ggatgtgctg caaggcgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
 401  ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgccacc atgctccgct ccatcctggt ggcgttatgc ctgtggctgc gcctggcgct
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 601  caggagaacg ccatcctggc catcgaacag tatgaagagc tagtggacgt gaactgcagc tctgtgctgc gcttcttcct ttgtgccatg tacgcaccca
 701  tctgtaccct ggagttcctg cacgatccca tcaagccctg caagtctgtg tgccagcgcg cacgtgacga ctgcgagccc ctcatgaaga tgtataacca
 801  cagctggcca gagagcctgg cctgcgatga gctgccggtc tatgaccgtg gagtttgtat ctctccagag gcaatagtca ctgaccttcc agaagatgtg
 901  aagtggatag acatcacacc agatatgatg gtgcaagaaa ggtcctttga tgctgactgt aaacgtctga gccctgatcg gtgcaagtgc aaaaaggtga
1001  agccgaccct ggcaacatac ctgagcaaaa actacagcta tgttattcat gccaaaataa aagccgtcca gaggagtggt tgcaatgagg tcacaactgt
1101  ggtagatgta aaagagatct tcaagtcttt gtcacctatc cctcgaacac aagtccctct catcaccaat tcctcctgcc agtgtccaca tatcctgccc
1201  caccaagatg tcctaatcat gtgttatgag tggcgttcaa ggatgatgct tcttgaaaat tgcttagttg aaaagtggag agatcaactc agtagaaggt
1301  ccatacagtg ggaagagagg cttcaggaac agcagagaac aattcaggac aagaagcaga tagccagccg caccagtcgc accagtcgca gtaacccccc
1401  aaagtcaaag ggaaggccac ctgctcccaa acctgccagt cctaagaaga acatcaaagc tagaagtgcc cccaaaaagt caaacctgaa gaaaagcgca
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1601  tgaaattgtt atccgctcac aattccacac aacatacgag ccggaagcat aaagtgtaaa gcctggggtg cctaatgagt gagctaactc acattaattg
1701  cgttgcgctc actgcccgct ttccagtcgg gaaacctgtc gtgccagctg cattaatgaa tcggccaacg cgcggggaga ggcggtttgc gtattgggcg
1801  ctcttccgct tcctcgctca ctgactcgct gcgctcggtc gttcggctgc ggcgagcggt atcagctcac tcaaaggcgg taatacggtt atccacagaa
1901  tcaggggata acgcaggaaa gaacatgtga gcaaaaggcc agcaaaaggc caggaaccgt aaaaaggccg cgttgctggc gtttttccat aggctccgcc
2001  cccctgacga gcatcacaaa aatcgacgct caagtcagag gtggcgaaac ccgacaggac tataaagata ccaggcgttt cccccctggaa gctccctcgt
2101  gcgctctcct gttccgaccc tgccgcttac cggatacctg tccgcctttc tcccttcggg aagcgtggcg ctttctcaat gctcacgctg taggtatctc
2201  agttcggtgt aggtcgttcg ctccaagctg ggctgtgtgc acgaaccccc cgttcagccc gaccgctgcg ccttatccgg taactatcgt cttgagtcca
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2501  caaaccaccg ctggtagcgg tggttttttt gtttgcaagc agcagattac gcgcagaaaa aaaggatctc aagaagatcc tttgatcttt tctacggggt
2601  ctgacgctca gtggaacgaa aactcacgtt aagggatttt ggtcatgaga ttatcaaaaa ggatcttcac ctagatcctt ttaaattaaa aatgaagttt
2701  taaatcaatc taaagtatat atgagtaaac ttggtctgac agttaccaat gcttaatcag tgaggcacct atctcagcga tctgtctatt tcgttcatcc
2801  atagttgcct gactccccgt cgtgtagata actacgatac gggagggctt accatctggc cccagtgctg caatgatacc gcgagaccca cgctcaccgg
2901  ctccagattt atcagcaata aaccagccag ccggaagggc cgagcgcaga agtggtcctg caactttatc cgcctccatc cagtctatta attgttgccg
3001  ggaagctaga gtaagtagtt cgccagttaa tagtttgcgc aacgttgttg ccattgctac aggcatcgtg gtgtcacgct cgtcgtttgg tatggcttca
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3301  aaccaagtca ttctgagaat agtgtatgcg gcgaccgagt tgctcttgcc cggcgtcaat acgggataat accgcgccac atagcagaac tttaaaagtg
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3501  cagcatcttt tactttcacc agcgtttctg ggtgagcaaa aacaggaagg caaaatgccg caaaaaaggg aataagggcg acacggaaat gttgaatact
3601  catactcttc ctttttcaat attattgaag catttatcag ggttattgtc tcatgagcgg atacatattt gaatgtattt agaaaaataa acaaatagggg
3701  gttccgcgca catttccccg aaaagtgcca cctgacgtct aagaaaccat tattatcatg acattaacct ataaaaatag gcgtatcacg aggccctttc
3801  gtc
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> RDC2354 Translated Insert Sequence

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 101  cqrarddcep lmkmynhswp eslacdelpv ydrgvcispe aivtdlpedv kwiditpdmm vqersfdadc krlspdrckc kkvkptlaty lsknysyvih
 201  akikavqrsg cnevttvvdv keifkslspi prtqvplitn sscqcphilp hqdvlimcye wrsrmmllen clvekwrdql srrsiqweer lqeqqrtiqd
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