

Specifications:

Gene:	<i>mFrzb</i>
Accession:	NP_035486
Insert size:	985bp
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.

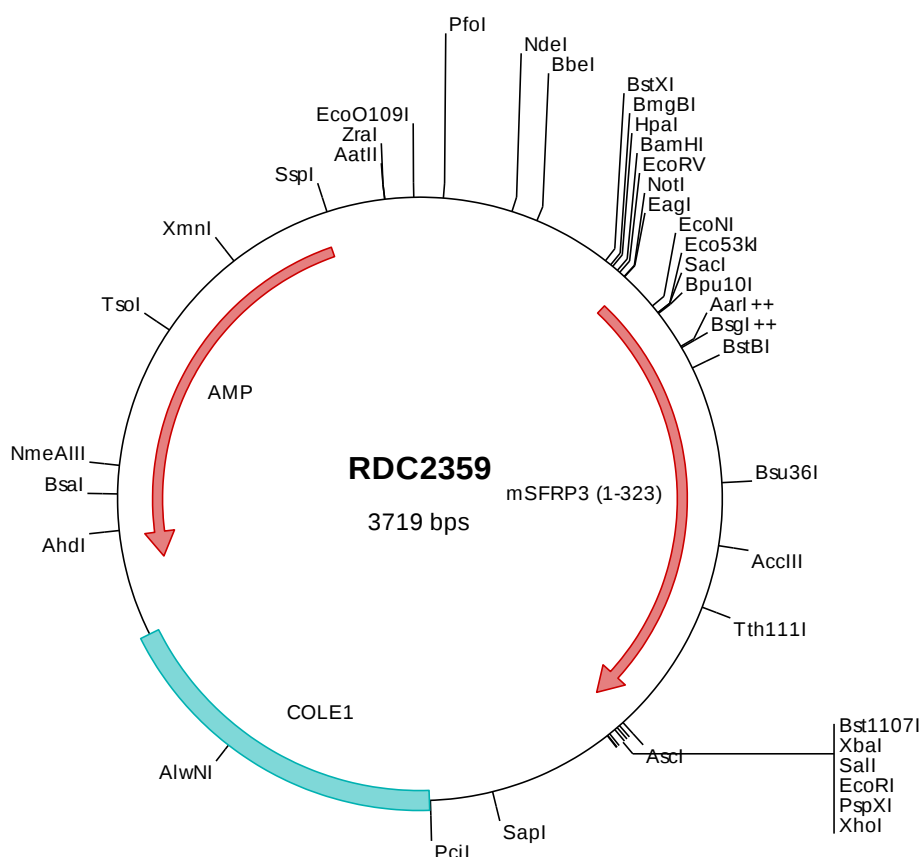
**msFRP-3 cDNA
Plasmid**

Frzb frizzled-related protein
[*Mus musculus* (house mouse)]

Also known as: Frp; Sfrp3; fritz;
frzb-1; frezzled

Summary:

SFRP3 is a secreted protein that is involved in the regulation of bone development. Defects in SFRP3 are a cause of female-specific osteoarthritis (OA) susceptibility.



> RDC2359 Plasmid DNA Sequence

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1   tcgcgcgctt cggatgatgac ggtgaaaacc tctgacacat gcagctcccc gagacggtca cagcttgctc gtaagcggat gccgggagca gacaagcccg
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201  ccgcacacgat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctcgcg aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
301  tacgccagct ggcgaaaggg ggatgtgtcg caaggcgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgatatt
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601  accaagatgc ccaaccacct gcaccacagc acccaggcta acgccatcct ggccatggaa cagttcgaag ggctgctggg caccacttgc agcccggtac
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> RDC2359 Translated Insert Sequence

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201  akvkevkmkc hdtavvevk eilkaslwni prdtvnlytt sgclcppltv neeyvimgye deersrlllv egslaeakwd rlgkkvkrwd mklrhlglgk
301  tdasdstqng ksrgrnsnprp ars

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