

Specifications:

Gene:	mFgfbp3
Accession:	NP_082539
Insert size:	751bp
Concentration:	10µg at 0.2µg/µL

mFGFBP3 cDNA Plasmid

**Fgfbp3 fibroblast growth factor
binding protein 3 [*Mus
musculus* (house mouse)]**

Also known as: Fgf-bp3;
2610306H15Rik

Summary:

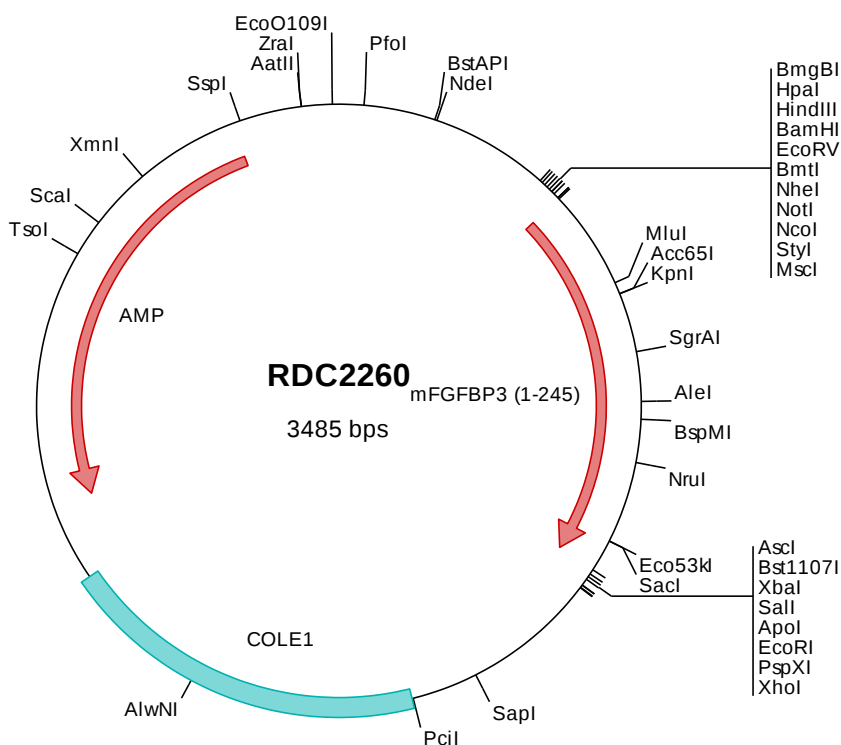
FGFBP3 is a heparin-binding protein which binds to FGF2, prevents binding of FGF2 to heparin and probably inhibits immobilization of FGF2 on extracellular matrix glycosaminoglycans, allowing its release and subsequent activation of FGFR signaling which leads to increased vascular permeability.

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.



> RDC2260 Plasmid DNA Sequence

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1   tcgcgcgcttt cggatgatgac ggtgaaaaacc tctgacacat gcagctcccc gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
101  tcagggcgcg tcagcgggtg ttggcgggtg tccgggctgg cttactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201  ccgcacacgat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
301  tacgccagctt ggcgaaaagg ggatgtgtct caaggcgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
401  ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgcaccc atggccaaac cgggcatgag tccctccagg ccgcggcgct cgtctcccc
501  gctgacgctg ctgttctctg tgggaggtct cctcctctcg gctgcgggga ggacaaggg gccagcaggg aggggaagtga cccgggcctc ccgacccacg
601  gtcggctcct ccggtctgct cgtgagtcca gacgagcag cgtgcagctg gcagctcttg gtaccgcgcc cggggacgcc gactggcgga gagctggcct
701  tgcgctgcca gaccccgggc gggcgagatc tgcattgcgc ctaccgcggg catccggagc gctgcgcggc caccggcgcc cggcgcgccg actactggag
801  acggctgctg ggcgcgctgc gcaggagacc acggccctgc ctggaccocg cgcgctgccc gccaccctg tgcccccga agacggctgg ctgacacctg
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1801 cctgcgcgtt accggatacc gtcgccctt tctcccttgc ggaagcgtgg cgtttctca atgtcacgc tgtaggtatc tcagttcggt gtaggctgtt
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2101 tagaaggaca gtatttggtg tctgcgctct gctgaagcca gttaccttgc gaaaaagagt tggtagctct tgatccgcca aacaaaccac cgtcggtagc
2201 ggtggttttt ttgtttgcaa gcagcagatt acgcgcagaa aaaaaggatc tcaagaagat cctttgatct tttctacggg gtctgacgct cagtggaaacg
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2401 atatgagtaa acttggctcg acagttacca atgcttaac ctatctcagc gatctgtcta tttcgttcat ccatagttgc ctgactcccc ctgactcccc
2501 gtcgtgtaga taactacgat acgggagggc ttaccatctg gccccagtc tgcaatgata cgcgagacc cacgctcacc ggctccagat ttatcagcaa
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> RDC2260 Translated Insert Sequence

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101  hpercaatga rrahywrrll galrrrrprc ldpaplpprl carktagsdl hspahpslpa rpseprsrsp rrparsrqsv rspssqpekk pllvksnsgg
201  rkagsdpvpe ppaaagfqpn gldqnaelte tyctekwhsl cnffv

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