

Specifications:

Gene:	<i>hIGFBPL1</i>
Accession:	NP_001007564
Insert size:	850bp
Concentration:	10µg at 0.2µg/µL

hIGFBP-L1 cDNA Plasmid

**IGFBPL1 insulin like growth
factor binding protein like 1**
[*Homo sapiens* (human)]

Also known as: IGFBPRP4; IGFBP-
RP4; bA113O24.1

Summary:

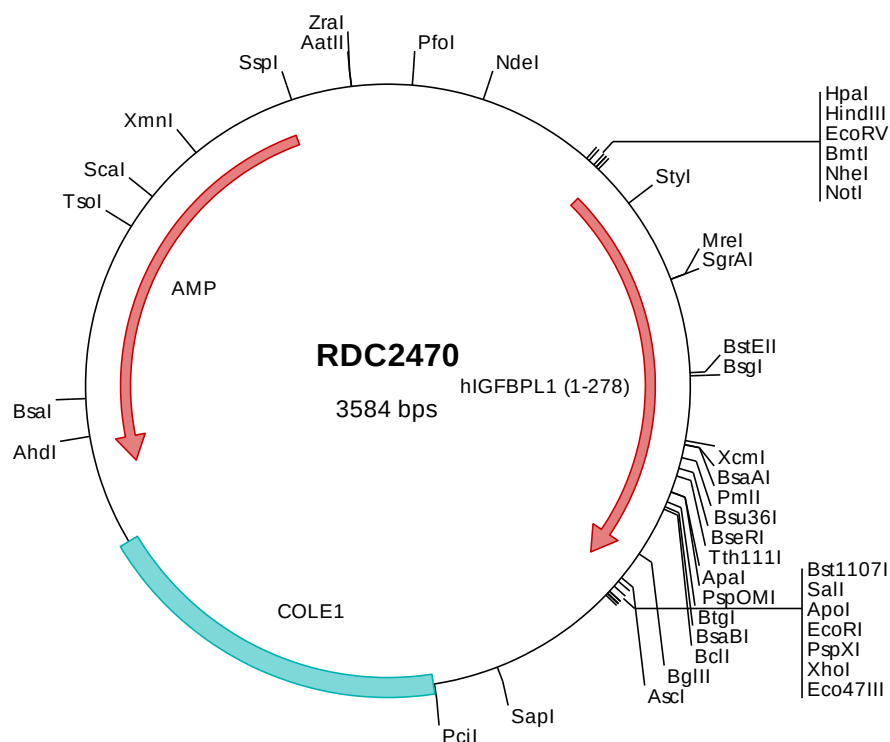
IGFBPL1 is a secreted member of the IGFBP superfamily of proteins. IGFBP superfamily members are cysteine-rich proteins with conserved cysteine residues, which are clustered in the amino- and carboxy-terminal thirds of the molecule. IGFBPs modulate the biological activities of IGF proteins. IGFBPL1 is most highly expressed in testis and brain, while lower levels are more broadly expressed. IGFBPL1 inhibits cell proliferation in vitro and is downregulated in many colon and lung tumors.

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.



> RDC2470 Plasmid DNA Sequence

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1   tcgcgcgcttt cggatgatgac ggtgaaaacc tctgacacat gcagctcccc gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccc
101  tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg cttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201  ccgcacacgat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
301  tacgccagct ggcgaaaggg ggatgtgtcg caaggcgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
401  ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgcacc atgcgcgct tgtctctgt cttgcgcgt ctgctctgt tgctgtgcc
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> RDC2470 Translated Insert Sequence

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201  leelpgdhvn iavqvrgpps dheatawili nplrkedegv yqchaanmvv eaeshstvtv ldlskysrfh fpapddrm

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