

## Specifications:

|                |                  |
|----------------|------------------|
| Gene:          | <i>h</i> FGL1    |
| Accession:     | NP_004458        |
| Insert size:   | 951bp            |
| 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. |

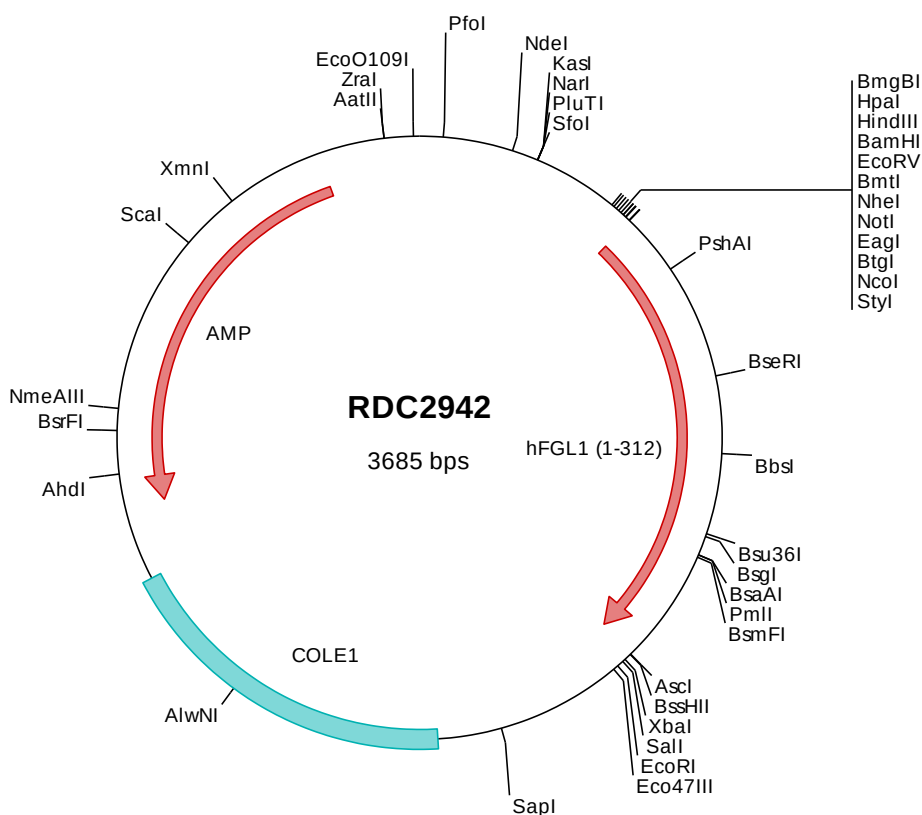
## *h*Hepassocin/FGL1 cDNA Plasmid

**FGL1 fibrinogen like 1 [ *Homo sapiens* (human) ]**

**Also known as:** HPS; HFREP1; HP-041; LFIRE1; LFIRE-1

### Summary:

FGL1 is a member of the fibrinogen family. It is homologous to the carboxy terminus of the fibrinogen beta- and gamma- subunits which contains the four conserved cysteines of fibrinogens and fibrinogen related proteins. However, FGL1 lacks the platelet-binding site, cross-linking region and a thrombin-sensitive site which are necessary for fibrin clot formation. It may play a role in the development of hepatocellular carcinomas.



## > RDC2942 Plasmid DNA Sequence

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1   tcgcgcgctt cggatgatgac ggtgaaaacc tctgacacat gcagctcccc gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccc
101  tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg ctttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201  ccgcacacgat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctcgcg aactgttggg aagggcgatc ggtgcgggcc tcttcctat
301  tacgccagct ggcgaaaagg ggatgtgctg caaggcgatt aagttgggta acgccagggt tttccagtc acgacgttgt aaaacgacgg ccagtgaatt
401  ggagacgtgt taacaagctt ggtccgata tcgctagcgc ggccgcccacc atggcaaaagg tgttcagttt catccttgtt accaccgctc tgacaatggg
501  cagggaaatt tcggcgctcg aggaactgtgc ccaggagcag atgcgggtcga gagcccagggt gcgcctgtct gagacccggg tcaaacagca acaggtcaag
601  atcaagcagc ttttgcagga gaatgaagtc cagttccttg ataaaggaga tgagaatact gtcattgato ttggaagcaa gaggcagtat gcagattgtt
701  cagagatttt caatgatggg tataagctca gtggatttta caaaatcaaa cctctccaga gccacgcaga attttctgtt tattgtgaca tgtccgattg
801  agggaggttg actgtaattc agagacgata tgatggcagt gaaaacttta acagaggatg gaaagactat gaaaaatggc ttggaaatth tgtccaaaaa
901  catggtgaat attggctggg caataaaaaat cttcactctt tgaccactca agaagactac actttaaaaa tcgaccttgc agatthttgaa aaaaatagcc
1001 gttatgcaca atataaggaat ttcaaatgtt gagatgaaaa gaattttctac gagtgaata ttggggaata ttctggaaca gctggagatt cccttgcggg
1101 gaattttcat cctgaggtgc agtgggtggc tagtcaccaa agaatagaat tcagcacgtg ggacagagat catgacaact atgaagggaa ctgcgcagaa
1201 gaagatcagt ctggctgggt gtttaacagg tgtcactctg caaacctgaa ttggtgtatac tacagcggcc cctacacggc taaaacagac aatgggattg
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1401 atactctaga gtcgacaccc ggggaattcc tcgagcgctc gtctctagct tggcgtaatc atggctatag ctgtttctcg tgtgaaattg ttatccgctc
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1801 aagaacatgt gagcaaaagg ccagcaaaag gccaggaacc gtaaaaaggc cgcgttgcgt gcgtttttcc ataggctccg cccccctgac gagcatcaca
1901 aaaaatgcag ctcaagtcag aggtggcgaa acccgacagg actataaaga taccagcgct ttccccctgg gtcgcgtctc gtgtccgcac
2001 cctgcgcgtt accggatacc tgtccgcctt tctcccttcg ggaagcgtgg cgttttctca atgctcacgc tgtaggtatc tcatgttcgt gttaggtcgt
2101 cgctccaagc tgggctgtgt gcaagaaccc ccggttcagc ccgaccgctg cgccttatcc ggtaactatc gtcttgatgc caaccggta agacacgact
2201 tatcgccact ggcagcagcc actggtaaca ggattagcag agcgaggtat gtaggcggtg ctacagagtt cttgaagtgg tggcctaaact acggctacac
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2401 ggtggttttt ttgtttgcaa gcagcagatt acgcccagaa aaaaaggatc tcaagaagat cctttgatct tttctacggg gctgacgct cagtggaaag
2501 aaaaactcacg ttaaggatt ttggtcatga gattatcaaa aaggatcttc acctagatcc ttttaaatga aaaatgaagt tttaaatcaa tctaaagtat
2601 atatgagtaa acttgggtctg acagttacca atgcttaatc agtgaggcac ctatctcagc gatctgtcta tttcgttcat ccatagttgc ctgactcccc
2701 ttcgtgtaga taactacgat accggagggc ttaccatctg gccccagtgc tgcaatgata ccgcgagacc cagcctcacc ggtccagat ttatcagcaa
2801 taaaccagcc agccggaagg gccgagcgca gaagtgttcc tgcaacttta tccgcctcca tccagctcat taattgttgc cgggaagcta gagtaagtag
2901 ttccgcaagt aatagtttgc gcaacgttgt tgccattgct acaggcatcg ttggtgtcacg ctgcgtcgtt ggtagggctt cattcagctc cggttcccaa
3001 gatcaaggc gagttacatg atccccatg ttgtgcaaaa aagcgggttag ctcttcggt cctccgatcg ttgtcagaag taagtgggcc gcagtgttat
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3201 atagtgtatg cggcgaccga gttgctcttg ccggcgctca atacgggata acatagcaga actttaaaag tgctcatcat tggaaaaagt
3301 tcttcggggc gaaaactctc aaggatctta ccgctgttga gatccagttc gatgtaaccc actcgtgcac ccaactgac ttcagcatct tttactttca
3401 ccagcgtttc tgggtgagca aaaacaggaa ggcaaaatgc cgcaaaaagg ggaataaggg cgacacggaa atgttgaaata ctcatactct tcttttttca
3501 atattattga agcatttatc aggtgttatt tctcatgagc ggatacatat ttgaatgtat ttagaaaaat aaacaaatag ggttccgcg cactttccc
3601 cgaaaagtgc cacctgacgt ctaagaaacc attattatca tgacattaac ctataaaaat aggcgtatca cgaggccctt tcgtc

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## > RDC2942 Translated Insert Sequence

```

1   makvvsfilv ttailmgrei saledcageq mrlraqvrll etrvkqggvk ikqllqneve qfldkgdent vidlgskrqy adcseifndg yklsgfykik
101  plqspaefsv ycdmsdgggw tvigrrsdgs enfnrqwkdy engfgnfvqk hgeywlgnkn lhflttqedy tlkidladfe knsryaqykn fkvgdkenfy
201  elnigeysgt agdslagnfh pevqwwashq rmkfstwdrd hdnryegncae edqsgwwfnr chsanlngvy ysgpytaktd ngiwytwgh wwylsksvvm
301  kirpndfipn vi

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