

Specifications:

Gene:	hFGL2
Accession:	NP_006673
Insert size:	1333bp
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.

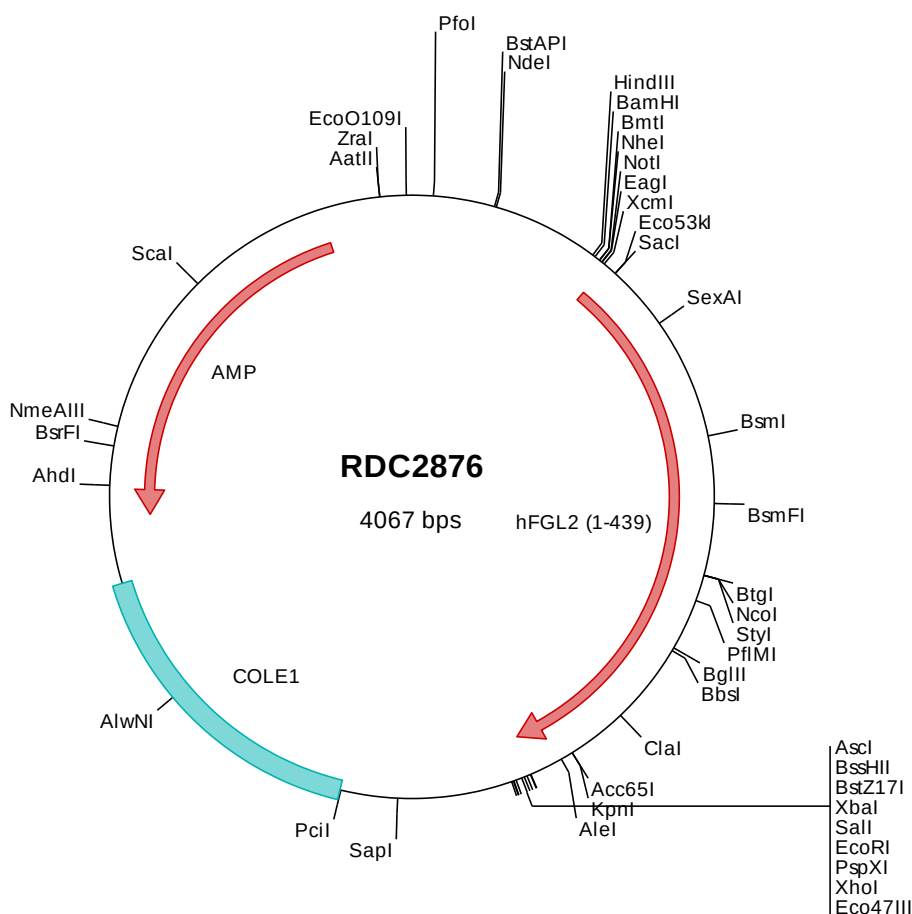
hFGL2 cDNA Plasmid

FGL2 fibrinogen like 2 [*Homo sapiens* (human)]

Also known as: T49; pT49

Summary:

FGL2 is a secreted glycoprotein of the Fibrinogen-like superfamily. The carboxyl-terminus of FGL2 consists of the fibrinogen-related domains (FRED). It forms a tetrameric complex which is stabilized by interchain disulfide bonds. FGL2 may play a role in physiologic functions at mucosal sites.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC2876 Plasmid DNA Sequence

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1   tcgcgcgctt cggatgatgac ggtgaaaacc tctgacacat gcagctcccc gagacgggtc cagcttgtct gtaagcggat gccgggagca gacaagcccg
101  tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg ctttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201  ccgcacacgat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
301  tacgccagct ggcgaaaagg ggatgtgctg caaggcgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
401  ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgcccacc atgaagctgg ctaactggta ctggctgagc tcagctgttc ttgccactta
501  cggtttttttg gttgtgcca acaatgaaac agaggaaatt aaagatgaaa gagcaaaagg tgtctgccca gtgagactag aaagcagagg gaaatgcgaa
601  gaggcagggg agtgccccta ccaggttaagc ctgccccctt tgactattca gctcccgaag caattcagca ggatcgagga ggtgttcaaa gaagtccaaa
701  aacctcaagg aatcgtaaat agtctaaaga aatcttgcca agactgcaag ctgcaggctg atgacaacgg agaccaggc agaaacggac tgttgttacc
801  cagtacagga gccccgggag aggttggtga taacagagtt agagaattag agagtgaagt taacaagctg toctctgagc taaagaatgc caaagaggag
901  atcaatgtac ttcattggtg cctggagaag ctgaatcttg taaatatgaa caacatagaa aattatgttg acagcaaaagt ggcaaatcta acatttgttg
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1901 cgagccggaa gcataaaagt ggtgcctaat tgaagccttg ggtgcctaat gagtgagcta actcaacatta attgcgttgc gctcactgcc cgctttccag tcgggaaacc
2001 tgtcgtgcca gctgcattaa tgaatcgccc aacgcgcggg gagaggcggg ttgcgtattg ggcgctcttc cgcttctctg ctcaactgact cgctgcgctc
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2901 ttttgtcat gaattatca aaaaggatct tcacctagat ccttttaaat taataatgaa gttttaaato aatctaaagt atatatgagt aaacttggtc
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3901 tcagggttat tgtctcatga gcggatacat atttgaatgt atttagaaaa ataaacaaat aggggttccg cgcacatttc cccgaaaagt gccacctgac
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> RDC2876 Translated Insert Sequence

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1   mklanwywls savlatygf1 vvannetei kderakdvcp vrlesrgkce eagecpyqvs lppltiqlpk qfsrieefvk evqnleivn slkscqdcqk
101  lqaddngdpg rnglllpstg apgevgnhrv relesevnkl sselknaee invlhgrlek lnlnvmnnie nyvdskvann tfvvnslldgk cskcpsqeqi
201  qsrpvghliy kdcsdyiaig krssetyrvt pdpknssfev ycdmetmagg wtvlgarldg stnftrtwqd ykagfgnlrr efwlgnndkih lltkskemil
301  ridledfngv elyaldydgy vaneflkylr hvgnyngtag dalrlnkhyn hdlkffttpt kdndrypsgn cglyysgww fdacislanln gkyyhqkyrg
401  vrngifwgtw pgvseahpgg ykssfkeakm mirpkhfkp

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