*cyno*FGL2 VersaClone cDNA

Catalog Number: RDC3088

Specifications:

Gene:	*cyno*FGL2
Accession:	XP_005550475.1
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.

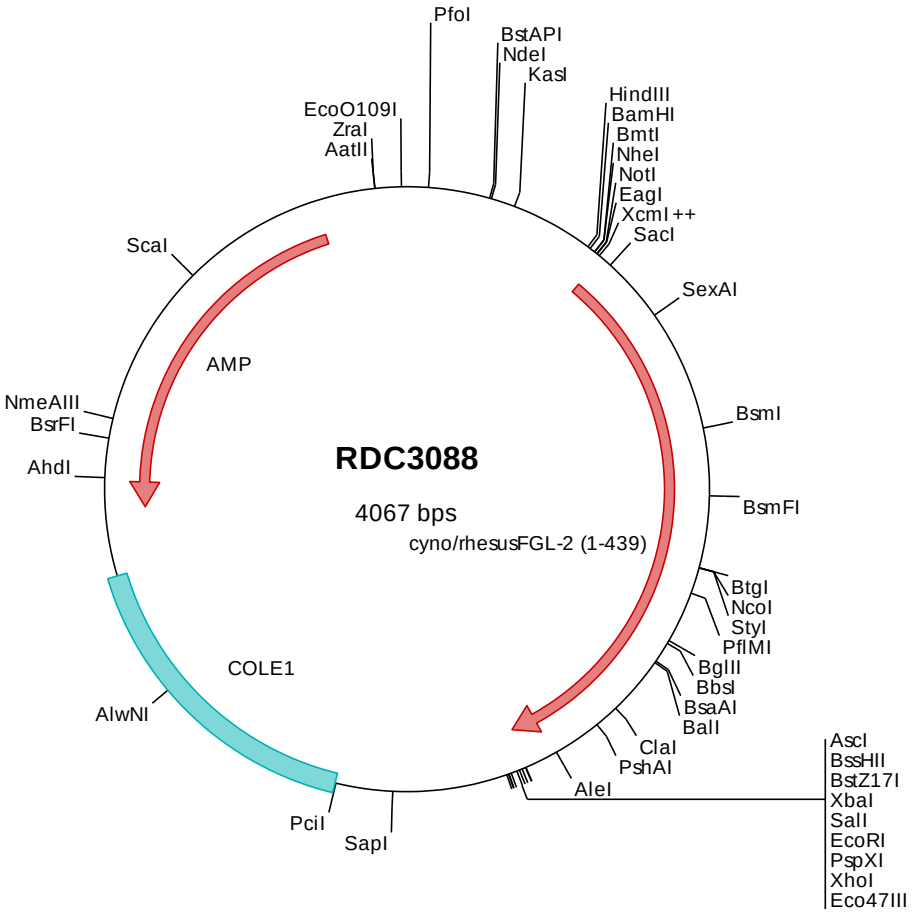
*cyno*FGL2 cDNA Plasmid

FGL2 fibrinogen like 2 [*Macaca fascicularis* (crab-eating macaque)]

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.

***This ORF has 100% amino acid identity to *rhesus*FGL2 accession NP_001247603.1**



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

R&D SYSTEMS
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> RDC3088 Plasmid DNA Sequence

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   1  tcgcgcgttt cggtgatgac ggtgaaaacc tctgacacat gcagctcccg gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
 101  tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg cttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
 201  ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
 301  tacgccagct ggcgaaaggg ggatgtgctg caaggcgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
 401  ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgccacc atgaagctgg ctaactggta ctggctgagc tcagctgttc ttgccactta
 501  cagttttttg gttgtggcaa acaatgaaac agaagaaatt aaagatgaaa gagcaaagga catctgccca gtgagactag aaagcagagg gaaatgcgaa
 601  gaggcagggg agtgccccta ccaggtaagc ctgcccccct tgactattca gctcccgaag caattcagca ggatcgagga ggtgttcaaa gaagtccaga
 701  acctcaagga aatcgtaaac agtctaaaga aatcttgcca agactgcaag ctgcaggctg atgacaacgg agacccaggc agaaatggac tgctgttacc
 801  cagtacagga gccccgggag aggttggtga taacagagtt agagaattag agagtgaggt taacaagctg tcctctgagc taaagaatgc caaagaggag
 901  atcaatgtac ttcatggtcg cctagagaag ctgaatcttg taaatatgaa caacatagaa aattatgttg acagcaaagt ggcaaatcta acatttgttg
1001  tcaatagttt ggatggcaaa tgttcaaagt gtcccagcca agaacaaata cagtcacgtc cagttcaaca tctaatatat aaagattgct ctgactacta
1101  tgcaataggc aaaagaagca gtgagaccta cagagttaca cctgatccca aaaatcgtag ctttgaagtt tactgtgaca tggagaccat ggggggaggc
1201  tggacagtgc tgcaggcacg tctcgatggg agcaccaact tcaccagaac atggcaagac tacaaagcag gctttggaaa cctcagaagg gaattttggc
1301  tggggaacga taaaattcat cttctgacca agagtaagga aatgattctg agaatagatc ttgaagactt taatggtgtc aaactatatg ccttgtatga
1401  tcagtttttac gtggccaatg agtttctcaa ataccgttta cacgttggta actataatgg cacagctgga gatgcgttac gtttcaacaa acattacaac
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1601  gtctttctgc aaacttaaat ggcaaatatt atcaccaaaa atacagaggt gtccgtaatg ggattttctg gggcacctgg cctggtgtaa gtgaggcaca
1701  ccctggtggc tacaagtcct ccttcaaaga ggctaagatg atgatcagac ccaagcactt taagccataa aggcgcgcca gtatactcta gagtcgacac
1801  ccggggaatt cctcgagcgc tcgtctctag cttggcgtaa tcatggtcat agctgtttcc tgtgtgaaat tgttatccgc tcacaattcc acacaacata
1901  cgagccggaa gcataaagtg taaagcctgg ggtgcctaat gagtgagcta actcacatta attgcgttgc gctcactgcc cgctttccag tcgggaaacc
2001  tgtcgtgcca gctgcattaa tgaatcggcc aacgcgcggg gagaggcggt ttgcgtattg ggcgctcttc cgcttcctcg ctcactgact cgctgcgctc
2101  ggtcgttcgg ctgcggcgag cggtatcagc tcactcaaag gcggtaatac ggttatccac agaatcaggg gataacgcag gaaagaacat gtgagcaaaa
2201  ggccagcaaa aggccaggaa ccgtaaaaag gccgcgttgc tggcgttttt ccataggctc cgcccccctg acgagcatca caaaaatcga cgctcaagtc
2301  agaggtggcg aaacccgaca ggactataaa gataccaggc gtttcccccct ggaagctccc tcgtgcgctc tcctgttccg accctgccgc ttaccggata
2401  cctgtccgcc tttctccctt cgggaagcgt ggcgctttct caatgctcac gctgtaggta tctcagttcg gtgtaggtcg ttcgctccaa gctgggctgt
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2601  ccactggtaa caggattagc agagcgaggt atgtaggcgg tgctacagag ttcttgaagt ggtggcctaa ctacggctac actagaagga cagtatttgg
2701  tatctgcgct ctgctgaagc cagttacctt cggaaaaaga gttggtagct cttgatccgg caaacaaacc accgctggta gcggtggttt ttttgtttgc
2801  aagcagcaga ttacgcgcag aaaaaaagga tctcaagaag atcctttgat cttttctacg gggtctgacg ctcagtggaa cgaaaactca cgttaaggga
2901  ttttggtcat gagattatca aaaaggatct tcacctagat ccttttaaat taaaaatgaa gttttaaatc aatctaaagt atatatgagt aaacttggtc
3001  tgacagttac caatgcttaa tcagtgaggc acctatctca gcgatctgtc tatttcgttc atccatagtt gcctgactcc ccgtcgtgta gataactacg
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3501  cactgcataa ttctcttact gtcatgccat ccgtaagatg cttttctgtg actggtgagt actcaaccaa gtcattctga gaatagtgta tgcggcgacc
3601  gagttgctct tgcccggcgt caatacggga taataccgcg ccacatagca gaactttaaa agtgctcatc attggaaaac gttcttcggg gcgaaaactc
3701  tcaaggatct taccgctgtt gagatccagt tcgatgtaac ccactcgtgc acccaactga tcttcagcat cttttacttt caccagcgtt tctgggtgag
3801  caaaaacagg aaggcaaaat gccgcaaaaa agggaataag ggcgacacgg aaatgttgaa tactcatact cttcctttttt caatattatt gaagcattta
3901  tcagggttat tgtctcatga gcggatacat atttgaatgt atttagaaaa ataaacaaat aggggttccg cgcacatttc cccgaaaagt gccacctgac
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> RDC3088 Translated Insert Sequence

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 101  lqaddngdpg rngllpstg apgevgdnrv relesevnkl sselknakee invlhgrlek lnlvnmnnie nyvdskvanl tfvvnsldgk cskcpsqeqi
 201  qsrpvqhliy kdcsdyyaig krssetyrvt pdpknrsfev ycdmetmggg wtvlqarldg stnftrtwqd ykagfgnlrr efwlgndkih lltkskemil
 301  ridledfngv klyalydqfy vaneflkyrl hvgnyngtag dalrfnkhyn hdlkffttpd kdndrypsgn cglyyssgww fdaclsanln gkyyhqkyrg
 401  vrngifwgtw pgvseahpgg ykssfkeakm mirpkhfkp
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