

Specifications:

Gene:	hC5L2
Accession:	NP_060955
Insert size:	1026bp
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.

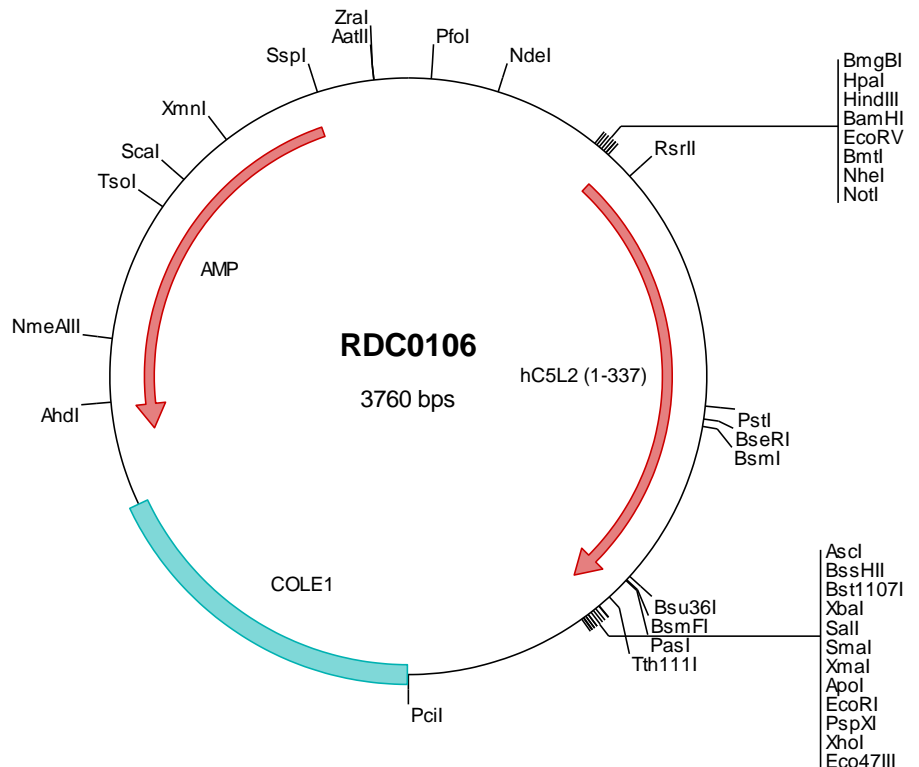
hC5L2 cDNA Plasmid

GPR77 G protein-coupled receptor 77 [*Homo sapiens*]

Also known as: C5L2; GPF77; GPR77

Summary:

C5L2 is a G protein-coupled receptor that is involved in C5a anaphylatoxin receptor activity. The anaphylatoxins C3a, C4a, and C5a are cationic fragments generated during the complement cascade that participate in host defense. In the case of inappropriate complement activation, anaphylatoxins may be involved in autoimmunity and sepsis. C5L2 is coexpressed with the C5a receptor, C5AR, on polymorphonuclear neutrophils and may modulate C5AR activity.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS



> RDC0106 Plasmid DNA Sequence

1 tcgcgcggtt cggatgatgac ggtgaaaacc tetgacacat gcaagctccc gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
101 tcaggggcgc tcagcgggtg ttggcgggtg tccggggctgg cttactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201 ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aaggcgatc ggtcggggcc tcttcgctat
301 tacgccagct ggcgaaaggg ggatgtgctg caaggcgatt aagtgggta acgccagggt ttcccgatc acgacgttg aaaacgacgg ccagtgaatt
401 ggagacgtgt taacaagctt ggatccgata tcgctagcgc gggcgcacc atggggaacg attctgtcag ctacagatg ggggattaca gcgacctctc
501 ggacgcgccc gtggactgcc tggatggcgc ctgcccggcc atcgaccgc tgcgcgtggc cccgctocca ctgtatgccc ccatctctct ggtgggggtg
601 cggggcaatg ccatgggtggc ctgggtggct ggggaaggtgg cccgcggag ggtgggtgccc acctggttgc tccacctggc ogtggcggat ttgctgtgct
701 gtttctctct gcccatctcg gcaagtccca ttgcccgtgg aggcacatgg ccgtatgggt cagtggtgctg tggggcctg cctccatca tctctgtgac
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1501 attcctcgag cgtcgtctc tagcttggcg taatcatggt catagctgtt tctgtgtgta aattgttatc cgctcacaat tccacacaac ataccgagcg
1601 gaagcataaa gtgtaaaagc tgggggtgct aatgagttag ctaactcaca ttaattgcgt tgcgctcact gcccgcttc cagtcgggaa acctgtcgtg
1701 ccagctgcat taatgaatcg gccaaecgcg ggggagaggg ggttgcgta ttgggcctc tcccgttcc tgcctcactg actcgtgccc ctcggtcgtt
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1901 aaaaggccag gaaccgtaaa aaggccgctg tgcctggcgt tttccatagg ctccgcccc ctgacagaca tcacaaaaat cgaagctcaa gtcagaggtg
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2701 taccatgct taatcagtag gccacctatc tcagcagatc gtctatttgc tcatccata gttgcctgac tcccctgctg tagataaact acgatacggg
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3601 tattgtctca tgagcggata catattttaa tgtattttag aaaaataaca aataggggtt ccgcccacat tttcccgaag agtgccacct gacgtctaag
3701 aaaccattat tatcatgaca ttaacctata aaaataggcg taccagagg cctttctgct

> RDC0106 Translated Insert Sequence

1 mgndsvsyey gdydsldsrp vdcldgacla idplrvaplp lyaaiflvqv pgnamvawva gkvarrvrga twllhlavad llcclsplil avpiargghw
101 pygavgcral psiilltmya svlllaalsa dlcfalagpa wwstvqracg vqvaccgaawt lallltvpsa iyrrlhqehf parlqcqvdy ggsstsenav
201 tairflfgfl gplvasasch sallcwaarr crplgtaivv gffvcwapyh llglvltvaa pnsallalar raeplivgla lahsclnplm flyfgragrlr
301 rslpaachwa lresggqdes vskkstshd lvsemev