

Specifications:

Gene:	hGPR152
Accession:	NP_996880
Insert size:	1426bp
Concentration:	10µg at 0.2µg/µL

hGPR152 cDNA Plasmid

GPR152 G protein-coupled receptor 152 [*Homo sapiens* (human)]

Also known as: PGR5

Summary:

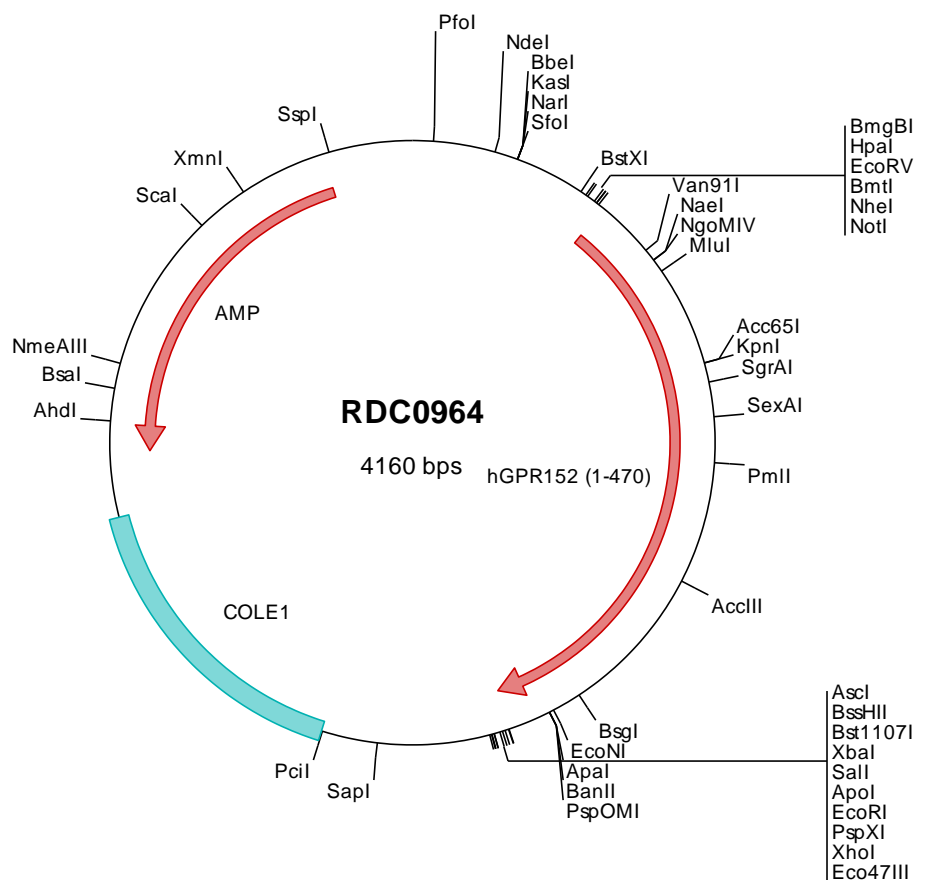
GRP152 is an orphan receptor that belongs to the G-protein coupled receptor 1 family. G protein-coupled receptors translate extracellular signals into intracellular signals and they respond to a variety of signaling molecules, such as hormones and neurotransmitters. They are also known to participate in a variety of physiological functions and are major targets of pharmaceutical drugs.

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.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS



> RDC0964 Plasmid DNA Sequence

1 tcgcgcggtt cggatgatgac ggtgaaaacc tetgacacat gacagctccc gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
101 tcaggggcgc tcagcgggtg ttggcgggtg tccgggctgg cttactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gttgtaaata
201 ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aaggcgatc ggtgcgggcc tcttcgctat
301 taacgcagct ggcgaaaggg ggatgtgctg caaggcgatt aagtgggta acgcccagggt ttcccgatc acgacgtgtg aaaacgacgg ccagtgaatt
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501 cacagagctt gatgatgagg actcctaccc ccaagggtggc tgggacacgg tcttctgtgt ggccctgctg ctcttgggoc tgccagccaa tgggttgatg
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> RDC0964 Translated Insert Sequence

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101 taacrffyfl wqvsysslglf llaalsldrc llalcpwhyp ghrpvrplpw vcagvwlvat lfsvpwlvfp eaavwydlv icldfdwsee lsrlmlevlg
201 gflpflilllv chvltqatac rtchrqqpa acrgfarvar tilsayvvlr lpyqlaqilly laflwdvysg yllwealvys dylillnsl spflclmasa
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