

Specifications:

Gene:	hGPR141
Accession:	NP_861456
Insert size:	931bp
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.

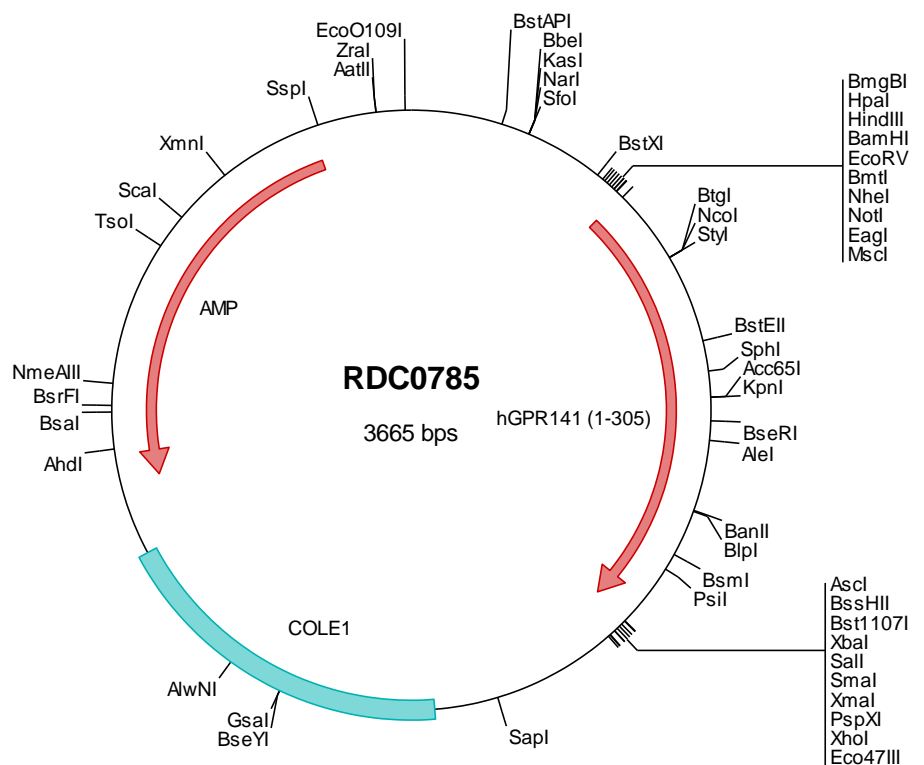
hGPR141 cDNA Plasmid

GPR141 G protein-coupled receptor 141 [*Homo sapiens* (human)]

Also known as: PGR13

Summary:

GPR141 is an orphan receptor within the rhodopsin family of G protein-coupled receptors. It is expressed in platelets, plasma and bone marrow.





> RDC0785 Plasmid DNA Sequence

1 tcgcgcggtt cggatgatgac ggtgaaaacc tetgacacat gcaagctccc gagacggtea cagcttgtct gtaagcggat gccgggagca gacaagcccg
101 tcaggggcgc tcagcgggtg ttggcgggtg teggggctgg cttactatg cggcatcaga gcagattgta ctgagagtgc accatagtcg gtgtgaaata
201 ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aaggcgatc ggtcggggcc tcttcgctat
301 taaggcagct ggcgaaaggg ggatgtgctg caaggcgatt aagtgggta acgcccgggt tttccagtc acgacgtgtg aaaacgacgg ccagtgaatt
401 ggagacgtgt taacaagcctt ggatccgata tcgctagcgc gggcgcacc atgcctggcc acaataacct caggaattcc tcttggcagc ctatagtgac
501 accccaacta atcagcctct acttcaatag gcttattggc gggcgtgggg gtgtcaattc cattcttttc ctccgtgtga aaatgaacac ccggtcagtg
601 accaccatgg cggtoattaa cttgggtggg gtocacagcg tttttctgct gacagtgcga tttcgttga cctacctcat caagaagact tggatgtttg
701 ggctgccctt ctgcaaatth gtgagtgcga tgcgtcacat ccacatgtac ctacagttcc tattctatgt ggtgatcccg gtcaccagat acctcatctt
801 cttcaagtgc aaagacaagg tggaaattca cagaaaaactg catgctgtgg ctgccagtgc tggcatgtgg acgctgggtga ttgtcaattgt ggtaccocctg
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1101 ccaccaggag tctgggctc agotgaaaaa cotatttttt ataggggtea tccctgtttg tttccttccc taccagttct ttaggatota ttacttgaat
1201 gttgtgacgc attccaatgc ctgtaacagc aaggttgcct tttataacga aatctctctg agtgtaacag caattagctg ctatgatttg cttctctttg
1301 tctttggggg aagccattgg ttaagcaga agataattgg cttatggaat tggttttttg gccgttaaag gcgcccagc atactctaga gtcgacacc
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2401 gcagcagatt acgcgcagaa aaaaaggatc tcaagaagat cctttgatct tttctacggg gtctgacgct cagtggaacg aaaactcacg ttaagggatt
2501 ttggtcatga gattatcaaa aaggatcttc acctagatcc ttttaaatga aaaaatgaagt tttaaatcaa tctaaagtat atatgagtaa acttggtctg
2601 acagttacca atgcttaatc agtgaggcac ctatctcagc gatctgtcta tttcgttcat ccatagttgc ctgactcccc gtcgtgtaga taactacgat
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2901 gcaacgttgt tgcaattgct acaggcatcg tgggtgtcag ctcgctgctt ggtaggtcct cattcagctc cggttcccaa cgatcaaggc gagttacatg
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3501 aggtttattg tctcatgagc ggatacatat ttgaaatgat ttgaaaaaat aacaaaatag gggttccgcg cacatttccc cgaaaaagtc cacctgacgt
3601 ctaagaaaacc attattatca tgacattaac ctataaaaaat aggcgatca ccagggccctt tcgctc

> RDC0785 Translated Insert Sequence

1 mphntrsns scdpivtphl islyfivlig glvgvisilf llvkmntrsv ttmavinlv vhsvlltvp frltylikkt wmfglpfckf vsamlhihmy
101 ltflyvivil vtryliffkc kdkvefyrkl havaasagmw tlvivivvpl vvsrygihee yneehcfkfh kelaytyvki inymivifvi avavillvfg
201 vfiiimlvqk lrhshellshq fwaqlknlff igvilvcflp yqffriyyln vvthsnacns kvafyneifl svtaiscydl llfvfggshw fkqkiiglwn
301 cvlcr