

Specifications:

Gene:	hGPR32
Accession:	NP_001497
Insert size:	1083bp
Concentration:	10µg at 0.2µg/µL

hGPR32 cDNA Plasmid

**GPR32 G protein-coupled
receptor 32 [*Homo sapiens*]**

Also known as: RVDR1

Summary:

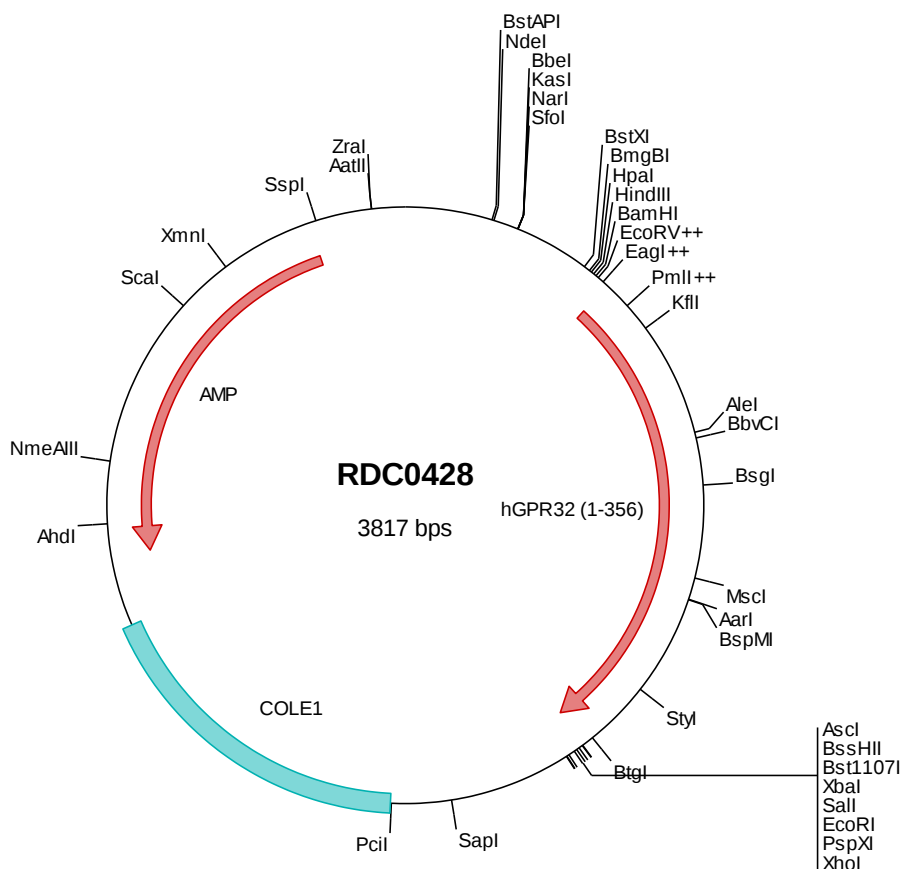
GPR32 is a seven transmembrane G protein-coupled orphan receptor. Resolvin D1 (RvD1) specifically interacts with both lipoxin A(4) receptor (ALX) and GPR32 on phagocytes and suggest that each plays a role in resolving acute inflammation. GPR32 surface expression in human monocytes was up-regulated by zymosan and granulocyte-monocyte-colony-stimulating factor (GM-CSF).

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.





> RDC0428 Plasmid DNA Sequence

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201  ccgcacacgat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aaggcgcatc ggtgcgggcc tcttcgctat
301  tacgccagct ggcgaaaggg ggaatgtctg caaggcgatt aagtgggta acgccagggt tttccagtc acgacgttgt aaaacgacgg ccagtgaatt
401  ggagacgtgt taacaagctt ggaaccgata tcgctagcgc ggccgcacac atgaatgggg tctcggaggg gaccagaggg tgcagtgaaca ggcaacctgg
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> RDC0428 Translated Insert Sequence

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201  taqiwiiegvv eghiigtigh fllgflgpla iigtcahlir akllregvwh anrpkrlllv lvsaffifws pfnvllvhl wrrvmlkeiy hprmlilqla
301  sfalgcvnss lnpflyvfvg rdfqekffqs ltsalarafg eeeflsscpr gnahre
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