

Specifications:

Gene:	hGPCR5D
Accession:	NP_061124
Insert size:	1050bp
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

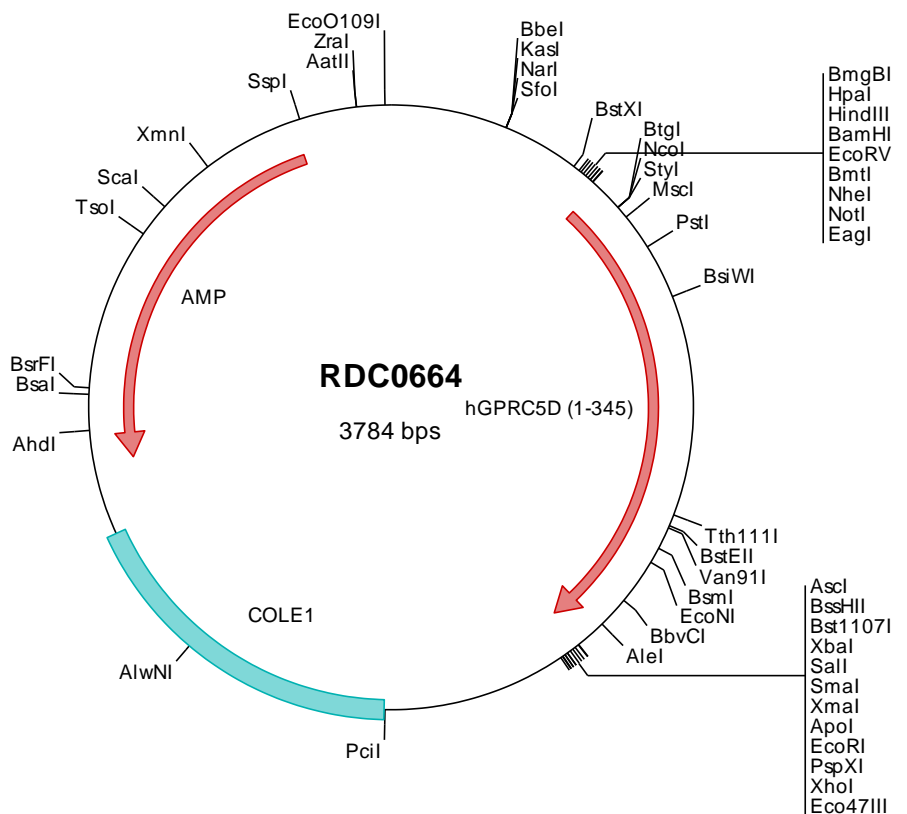
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

hGPCR5D cDNA Plasmid

GPCR5D G protein-coupled receptor, family C, group 5, member D [*Homo sapiens* (human)]

Summary:

GPCR5D is a member of the type 3 subgroup of the G protein-coupled receptor family. It is a prognostic factor in multiple myeloma correlating with other major risk factors. GPCR5D is highly expressed in the peripheral system. The expression pattern is high in pancreas, medium in kidney, small intestine, spleen and testis.





> RDC0664 Plasmid DNA Sequence

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1 tcgcgcggtt cggatgatgac ggtgaaaacc tetgacacat gcaagctccc 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 ggtcggggcc tcttcgctat
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> RDC0664 Translated Insert Sequence

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201 qhgrlifitv lfsiiiwvww ismllrnpq fqrqpwddp vvcialvtna wvlllyivp elcilyrscr qecplqgnac pvtayqhsfq venqelsrar
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