

Specifications:

Gene:	hGPR125
Accession:	NP_660333
Insert size:	3979bp
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.

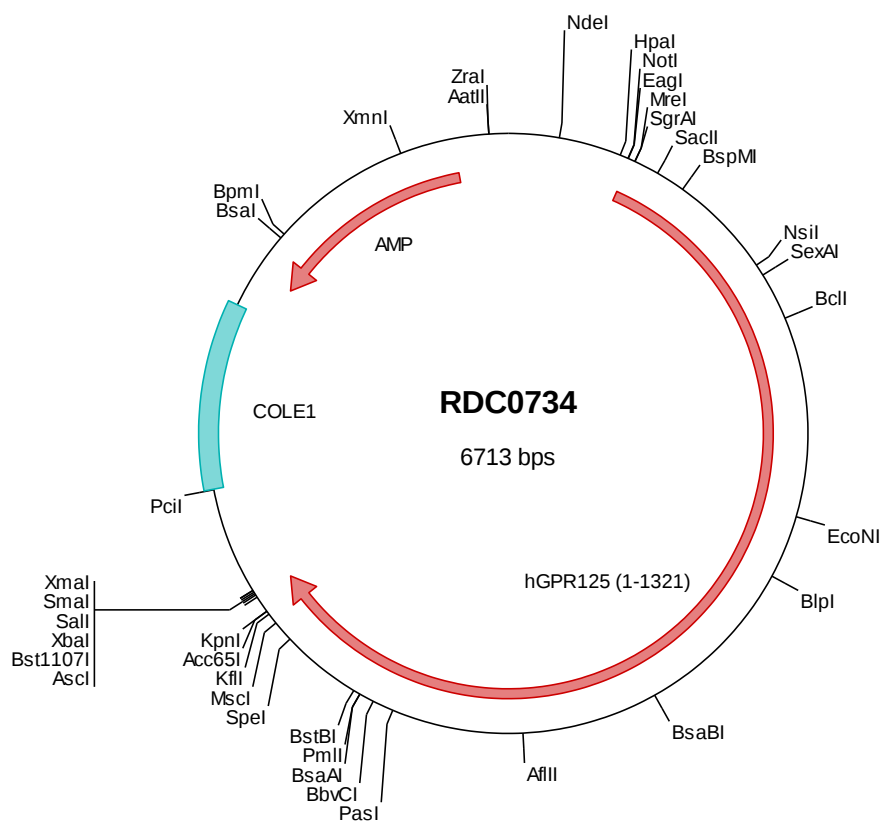
hGPR125 cDNA Plasmid

GPR125 G protein-coupled receptor 125 [*Homo sapiens* (human)]

Also known as: PGR21;
TEM5L

Summary:

GPR125 is an orphan G protein-coupled receptor. It has a leucine rich repeat (LRR), an immunoglobulin (Ig) domain, and a hormone-binding domain. It interacts with the human homolog of the *Drosophila* disc large tumor suppressor and may play a role in tumor angiogenesis. The Ig domain shows similarities to motilin, while the LRR domain shows similarities to LRIG1 and SLIT1-2.





> RDC0734 Plasmid DNA Sequence

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> RDC0734 Translated Insert Sequence

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