

## Specifications:

Gene:	hGPR87
Accession:	NP_076404
Insert size:	1090bp
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.

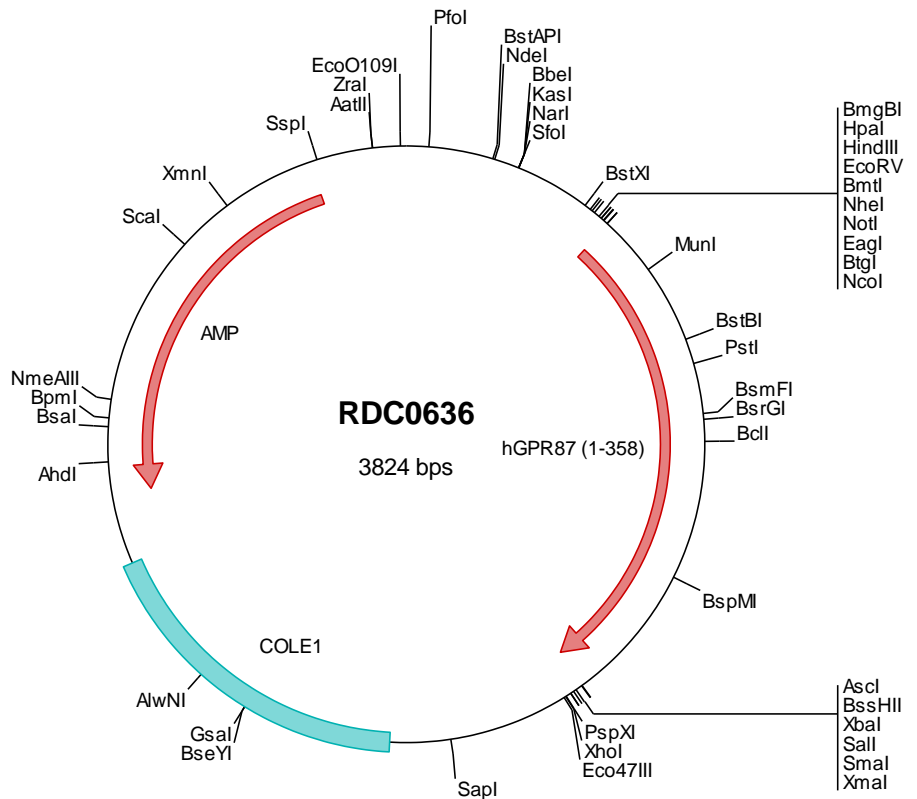
## hGPR87 cDNA Plasmid

**GPR87 G protein-coupled receptor 87 [ *Homo sapiens* (human) ]**

**Also known as:** GPR95; FKSG78; KPG\_002

### Summary:

GPR87 is a G protein-coupled receptor that has been shown to be overexpressed in lung squamous cell carcinoma. GPR87 is up-regulated by p53 and by DNA damage in a p53-dependent manner. GPR87 may be explored as a novel therapeutic target for cancer treatment and prevention.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS



## > RDC0636 Plasmid DNA Sequence

```
1 tcgcgcggtt cggatgatgac ggtgaaaacc tetgacacat gcaagctccc gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
101 tcaggggcgc tcagcgggtg ttggcgggtg teggggctgg ctttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gttgtaaata
201 ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aaggcgatc ggtgcgggcc tcttcgctat
301 taaggcagct ggcgaaaggg ggatgtgctg caaggcgatt aagtgggta acgcccgggt ttcccagtc acgacgtgtg aaaacgacgg ccagtgaatt
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901 cggatgtaca gcataaccott cacgaagggt ttatctggtt ggtttgggt gatcatggct gttttgctat tgccaacat catctaca aatggtcagc
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1301 tagatgaatc tgcacaaaaa atoctatatt actgcaaaag aattacactt ttcttgtctg cgtgtaatgt ttgctggat ccaataaatt actttttcat
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3801 ggcgtatcac gaggcccttt cgtc
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## > RDC0636 Translated Insert Sequence

```
1 mgfnltlakl pnnelhgqes hnsgrnsdgp gknttlhnef dtivlplvlyl iifvasilln glawwiffhi rnktsfifyl knivvadlim tltfpfrivh
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201 vkwhtavtyv nslcfvavlv iligcyiais ryihkssrqf isqsrkrkh ngsirvvav fftcflpyhl criptffshl drllldesaqk ilyyckeitl
301 flsacnvcld piiyffmcrs fsrllfkksn irtrsersirs lqsvrrsevr iyydytdv
```