

Specifications:

Gene:	<i>h</i> UR2R
Accession:	NP_061822
Insert size:	1182bp
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.

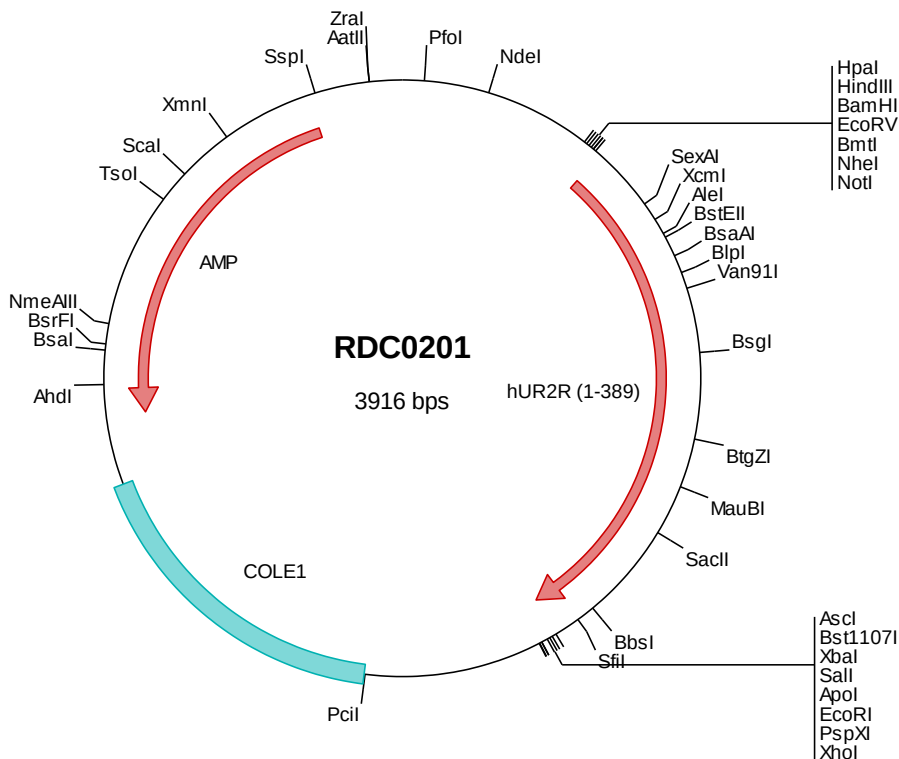
*h*UR2R cDNA Plasmid

UTS2R urotensin 2 receptor
[*Homo sapiens*]

Also known as: UTR; UTR2; GPR14;
UR-2-R

Summary:

UR2R belongs to the G protein-coupled receptor 1 family. UR2R is a high affinity receptor for urotensin-2 and urotensin-2B. The activity of UR2R is mediated by a G protein that activates a phosphatidylinositol-calcium second messenger system. It is most abundantly expressed in the heart and pancreas. UR2R has been correlated with human cortico-adrenal carcinoma proliferation.





> RDC0201 Plasmid DNA Sequence

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1   tcgcgcggtt   cggatgatgac   ggtgaaaacc   tctgacacat   gcagctcccg   gagacggtca   cagcttgtct   gtaagcggat   gccgggagca   gacaagcccg
101  tcagggcgcg   tcagcgggtg   ttggcgggtg   tcggggctgg   cttactatg   cggcatcaga   gcagattgta   ctgagagtgc   accatatgcg   gtgtgaaata
201  ccgcacagat   gcgtaaggag   aaaataccgc   atcaggcgcc   attcgccatt   caggctgcgc   aactgttggg   aaggcgcatc   ggtgcggggc   tcttcgctat
301  tacgccagct   ggcgaaggg   ggatgtgctg   caaggcgatt   aagtttggta   acgccagggt   tttccagtc   acgacgttgt   aaaacgacgg   ccagtgaatt
401  ggagacgtgt   taacaagctt   ggatccgata   tcgctagcgc   ggccgcaccc   atggcgctga   ccccccagtc   cccgagcagc   ttccctgggc   tggccgccac
501  tggcagctct   gtgcgggagc   cgcctggcgg   ccccaacgca   accctcaaca   gctcctgggc   cagcccgacc   gagccagct   ccttgaggga   cctggtggcc
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2001 gttatccaca   gaatcagggg   ataacgcagg   aaagaacatg   tgagcaaaag   gccagcaaaa   gccaggaac   cgtaaaaaag   ccgcgttgct   ggcgttttcc
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2201 gaagctccct   cgtgcgctct   cctgttccga   ccttgccgct   tacccgatac   ctgggctgtg   tgcaagaaac   ccccgcttca   cccgacctatc   gcgcttatc
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> RDC0201 Translated Insert Sequence

```
1   maltpesps   fpglaatgss   vpeppggpna   tlnsswaspt   epssledlva   tgtigtllsa   mgvvvgvgn   ytlvvtcrsl   ravasmyvyv   vnlaladlly
101  llsipfivat   yvtkewhfgd   vgcrvlfgld   fltmhasift   lvmsserya   avlrpldtvq   rpkgyrklla   lgtwllalll   tlpvmlamrl   vrrgpkslcl
201  pawgprahra   yltllfatsi   agpglligl   yarlarayrr   sqrasfkrar   rpgaralrlv   lgiwllfwac   flpflwql   aqyhqaplap   rtarivnylt
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```