

Specifications:

Gene:	hGALR3
Accession:	NP_003605
Insert size:	1120bp
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.

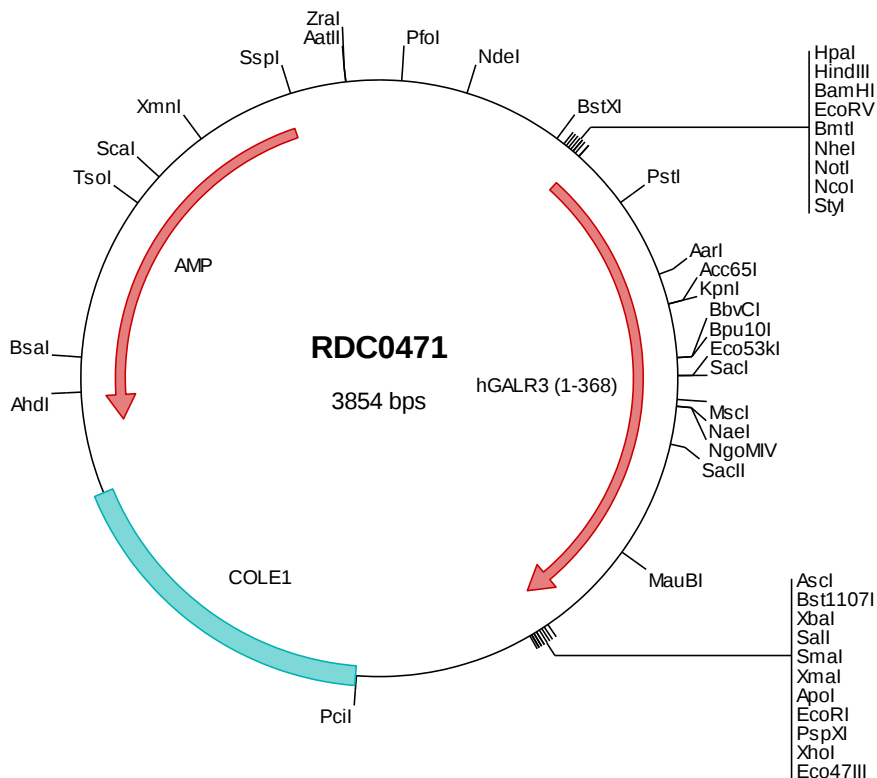
hGalanin R3 cDNA Plasmid

GALR3 galanin receptor 3 [*Homo sapiens* (human)]

Summary:

Galanin, a 30-amino acid peptide, is widely distributed in the nervous and endocrine systems. It exerts its actions via three G protein-coupled receptors, GALR1-3.

Cognition/memory, sensory/pain processing, hormone secretion, and feeding behavior are all modulated by GALR3. The association of GALR3 with pituitary tumor relapse suggests that antagonists to this receptor represent a potential therapeutic approach to the treatment of pituitary tumors.





> RDC0471 Plasmid DNA Sequence

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> RDC0471 Translated Insert Sequence

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201  slaygrtlrf lwaavgpaga aaaaerrrat gragramlav aalyalcwpg hhalilcfwy grfafspaty acrlashcla yansclnplv yalasrhfra
301  rfrlrlwpcgr rrrhrarral rrvrpassgp pgcpgdarps grllaggggg pepregpvhg geaargpe

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