

Specifications:

Gene:	rGhr
Accession:	NP_058790
Insert size:	1930bp
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.

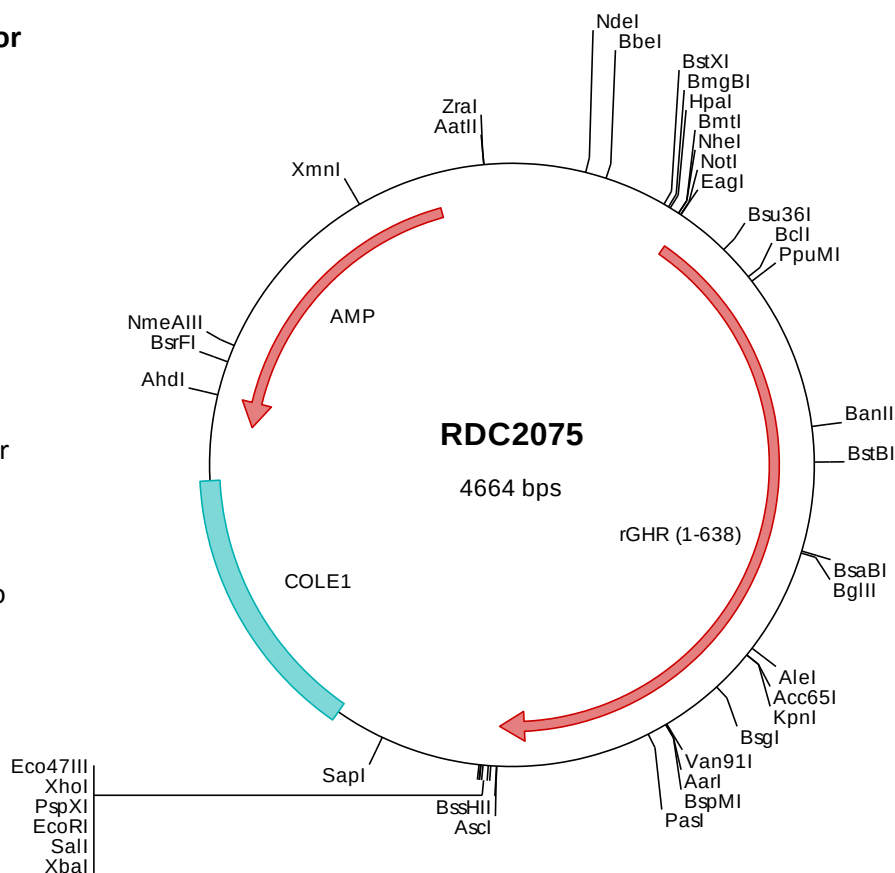
rGrowth Hormone R cDNA Plasmid

Ghr growth hormone receptor
[*Rattus norvegicus* (Norway rat)]

Also known as: GHR/BP

Summary:

GHR is a member of the type I cytokine receptor family. It is a transmembrane receptor for growth hormone. Binding of growth hormone to the receptor leads to receptor dimerization and the activation of an intra- and intercellular signal transduction pathway leading to growth. Mutations in GHR have been associated with Laron syndrome, also known as the growth hormone insensitivity syndrome (GHIS), a disorder characterized by short stature.



> RDC2075 Plasmid DNA Sequence

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> RDC2075 Translated Insert Sequence

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