

Specifications:

Gene:	<i>hNRG3</i>
Accession:	P56975
Insert size:	2176bp
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.

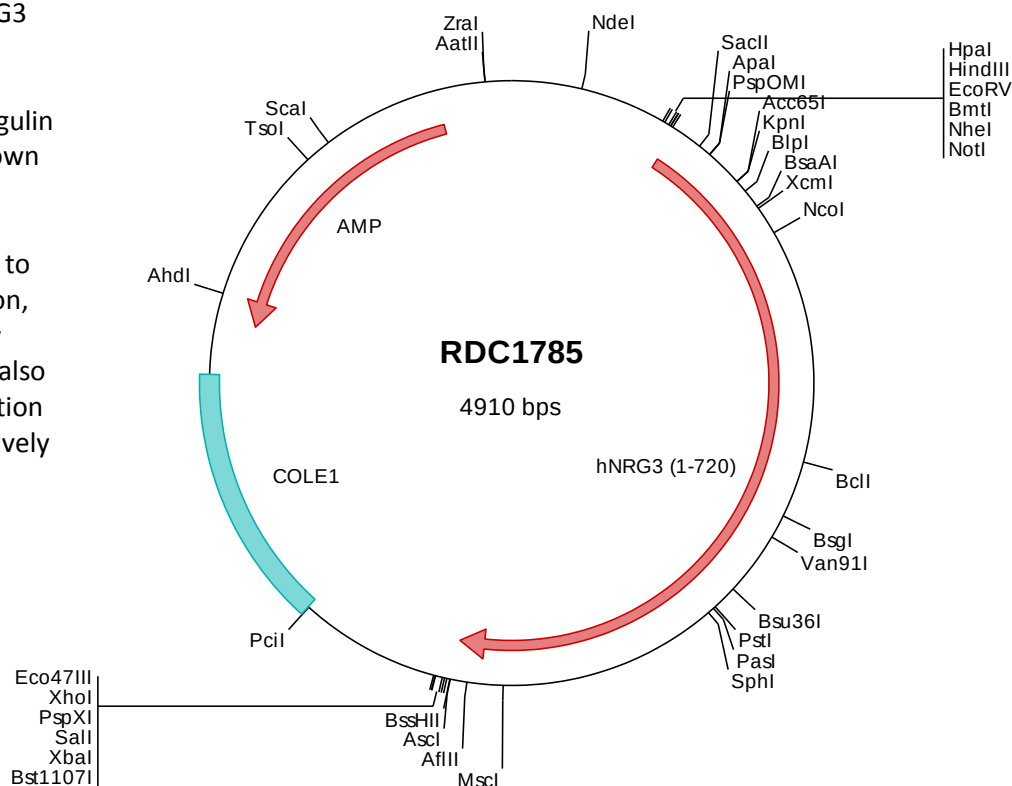
hNRG3 cDNA Plasmid

NRG3 neuregulin 3 [*Homo sapiens* (human)]

Also known as: HRG3; pro-NRG3

Summary:

NRG3 is a member of the neuregulin gene family. NRG3 has been shown to activate the tyrosine phosphorylation of its cognate receptor, ERBB4, and is thought to influence neuroblast proliferation, migration and differentiation by signaling through ERBB4. NRG3 also promotes mammary differentiation during embryogenesis. Alternatively spliced transcripts encoding different proteins have been described.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC1785 Plasmid DNA Sequence

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> RDC1785 Translated Insert Sequence

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