

Specifications:

Gene:	<i>hNRP2</i>
Accession:	NP_003863
Insert size:	2794bp
Concentration:	10µg at 0.2µg/µL

hNeuropilin-2 cDNA Plasmid

NRP2 neuropilin 2 [*Homo sapiens* (human)]

Also known as: NP2; NPN2; PRO2714; VEGF165R2

Summary:

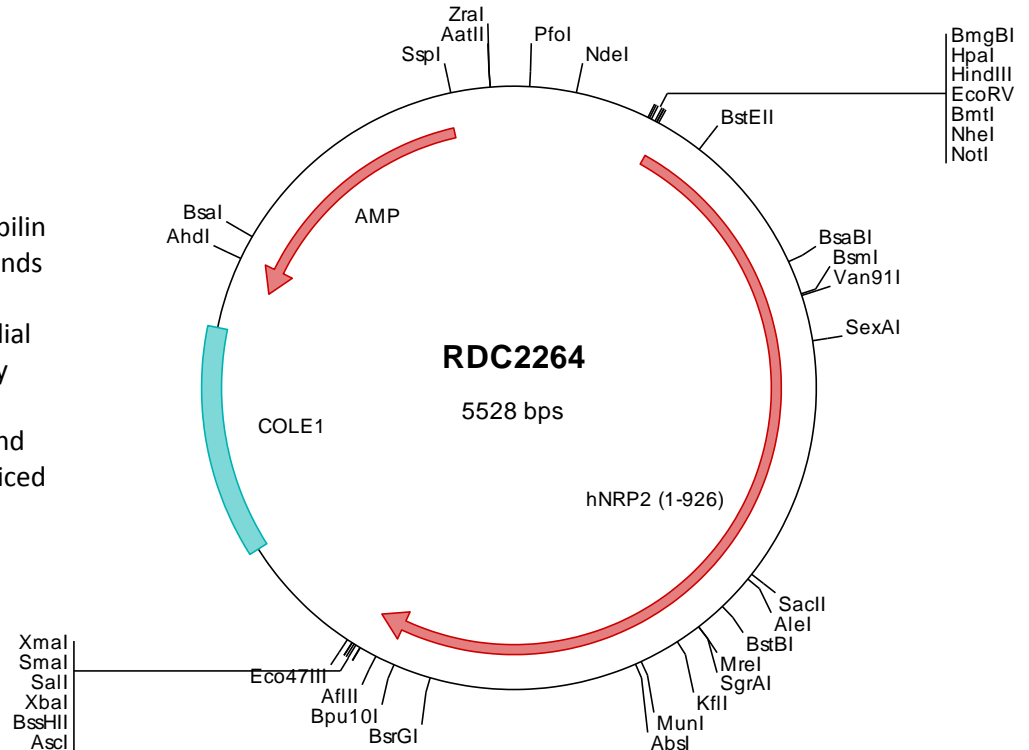
NRP2 is a member of the neuropilin family of receptor proteins. It binds to SEMA3C and SEMA3F, and interacts with vascular endothelial growth factor (VEGF). NRP2 may play a role in cardiovascular development, axon guidance, and tumorigenesis. Alternatively spliced transcripts encoding different proteins have been described.

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.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

