

**Specifications:**

Gene:	rNrp2
Accession:	NP_110496
Insert size:	2791bp
Concentration:	10µg at 0.2µg/µL

**rNeuropilin-2 cDNA  
Plasmid**

**Nrp2 neuropilin 2 [ *Rattus norvegicus* (Norway rat) ]**

**Summary:**

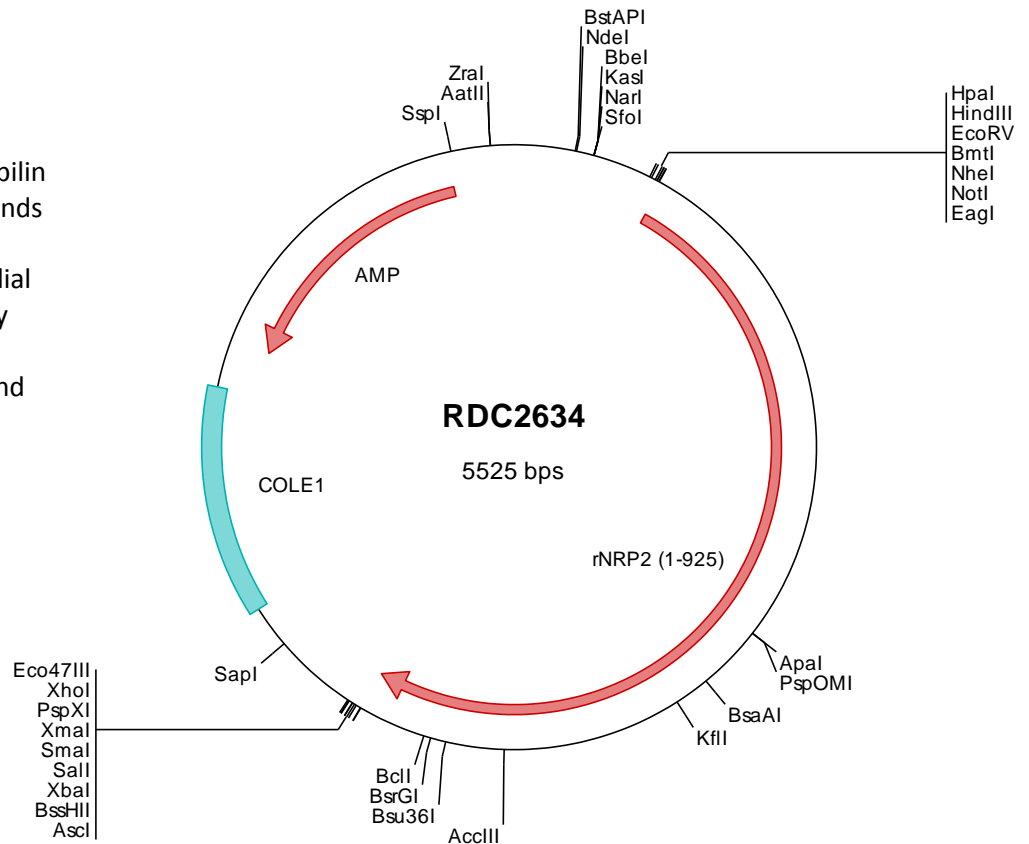
NRP2 is a member of the neuropilin family of receptor proteins. It binds to SEMA3C and SEMA3F, and interacts with vascular endothelial growth factor (VEGF). NRP2 may play a role in cardiovascular development, axon guidance, and tumorigenesis.

**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

**> RDC2634 Plasmid DNA Sequence**

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**> RDC2634 Translated Insert Sequence**

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901 nynfelydgl khkvkinhqk ccsea

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