

Specifications:

Gene:	mTacr1
Accession:	NP_033339
Insert size:	1236bp
Concentration:	10µg at 0.2µg/µL

mNK1R cDNA Plasmid

Tacr1 tachykinin receptor 1
[*Mus musculus* (house mouse)]

Also known as: Spr; Nk1r; Tac1r

Summary:

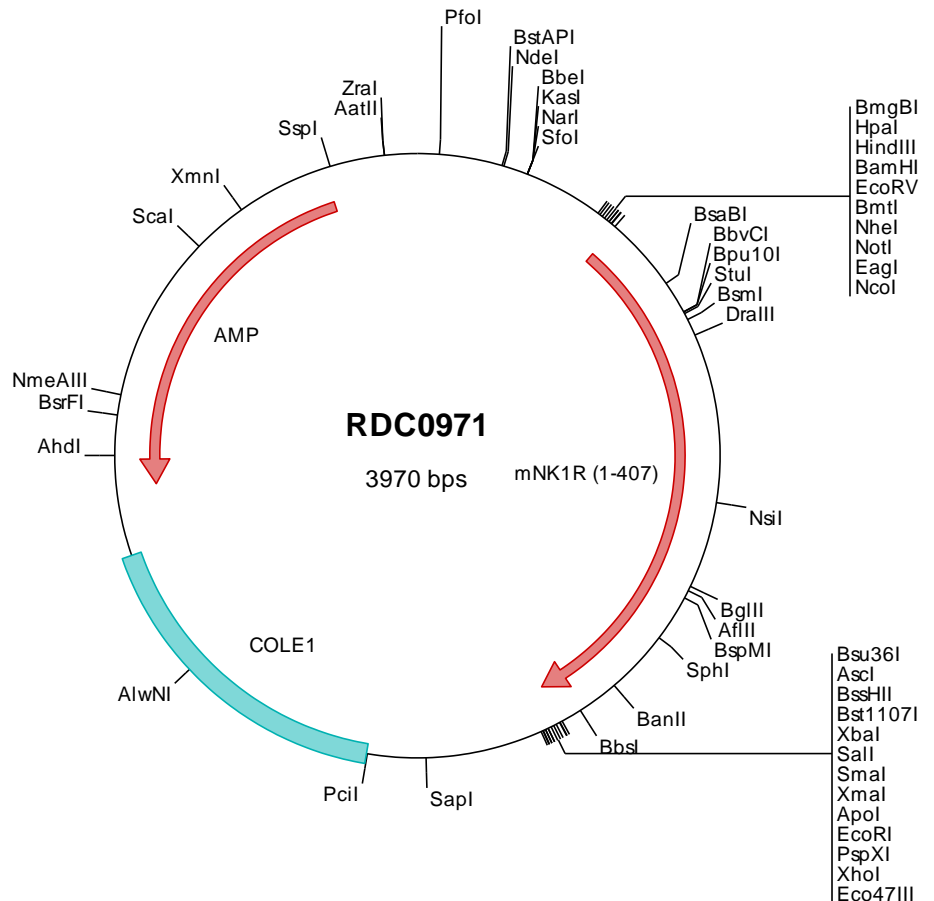
NK1R is a 7-transmembrane glycoprotein receptor for the proinflammatory tachykinin neuropeptide, substance P. NK1R is constitutively or inducibly expressed on a wide variety of cells, including monocytes, macrophages, microglia, lymphocytes, neutrophils, mast cells, and neurons. NK1R has been associated with nitric oxide formation. NK1 receptors are frequently expressed in glioblastomas and breast and pancreatic carcinomas.

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



> RDC0971 Plasmid DNA Sequence

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1 tcgcgcggtt cggatgatgac ggtgaaaacc tetgacacat gcagctcccc gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
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> RDC0971 Translated Insert Sequence

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401 fysnmla
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