

Specifications:

Gene:	<i>h</i> NPTX1
Accession:	NP_002513.2
Insert size:	1312bp
Concentration:	10µg at 0.2µg/µL

*h*Neuronal Pentraxin 1 cDNA Plasmid

NPTX1 neuronal pentraxin 1
[*Homo sapiens* (human)]

Also known as: NP1

Summary:

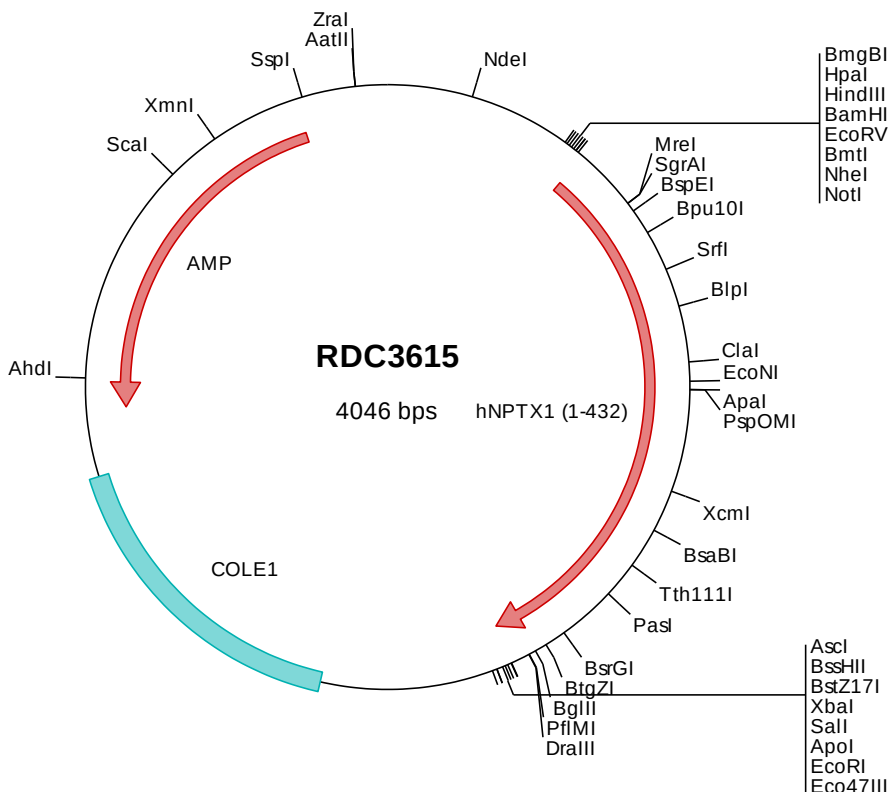
NPTX1 is a member of the neuronal pentraxin gene family. Neuronal pentraxin 1 is similar to the rat NP1 gene which encodes a binding protein for the snake venom toxin taipoxin. Human NPTX1 mRNA is exclusively localized to the nervous system.

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

> RDC3615 Plasmid DNA Sequence

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1   tcgcgcgcttt cggatgatgac ggtgaaaaacc tctgacacat gcagctcccc gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
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201  ccgcacacgat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgtttgg aagggcgatc ggtgcgggcc tcttcgctat
301  tacgccagct ggcgaaagg ggaatgtctg caaggcgatt aagtgtggta agccagggtt tttcccgatc acgacgttgt aaaacgacgg ccagtgaatt
401  ggagacgtgt taacaagctt ggatccgata tgcgtagcgc ggccgccaacc atgcctgccg gacgcgctgc acgcacctgt gctctgctcg cactctgcct
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> RDC3615 Translated Insert Sequence

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201  ietaltslhq riselekqk dnrgpdkfql tfplrntnmy akvkkslpem yaftvcmlwk ssatpgvgtp fsyavpggan elvliwgnn pmeilindkv
301  aklpfviindg kwhhicvtwt trdgvweyag dgtgggsgen lapyhpkpqp gvlvlgqeql tlgggfdatq afvgelahfn iwdrkltpge vynlatcstk
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