

Specifications:

Gene:	hNPTXR
Accession:	NP_055108.2
Insert size:	1516bp
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.

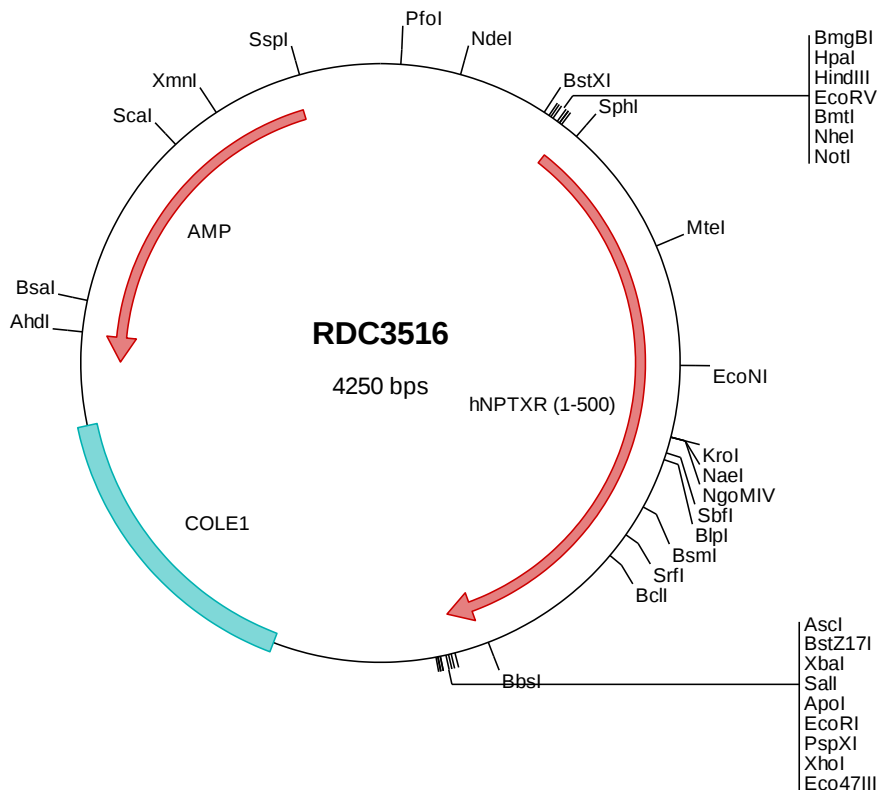
hNPTXR cDNA Plasmid

NPTXR neuronal pentraxin receptor [*Homo sapiens* (human)]

Also known as: NPR

Summary:

NPTXR is similar to the rat neuronal pentraxin receptor. The rat pentraxin receptor is an integral membrane protein that is thought to mediate neuronal uptake of the snake venom toxin, taipoxin, and its transport into the synapses. Studies in rat indicate that translation of this mRNA initiates at a non-AUG (CUG) codon. This may also be true for mouse and human, based on strong sequence conservation amongst these species.



> RDC3516 Plasmid DNA Sequence

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1  tcgcgcgcttt cggatgatgac ggtgaaaacc tctgacacat gcagctcccc gagacgggtca cagcttgtct gtaagcggat gccggggagca gacaagcccg
101 tcagggcgcg tcagcgggtg ttggcgggtg tccgggctgg cttactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201 ccgcacacgat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
301 tacgccagct ggcgaaaagg ggaatgtctg caaggcgatt aagtttggga acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgtaatt
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> RDC3516 Translated Insert Sequence

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201 rdrldrlqeg lparvnlsaa papvsavptg lshkmdqleg qlaagvlale kervalshss rrqrgeveke ldvlqgrvae lehgsaysyp pdafkisipi
301 rnnymyarvr kalpelyaft acmwlrsrss gtgggtpfys svpgganeiv lleaghepme llindkvaql plslkdngwh hiciawtttd glwsayqdge
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