

Specifications:

Gene:	hNPDC1
Accession:	NP_056207
Insert size:	991bp
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.

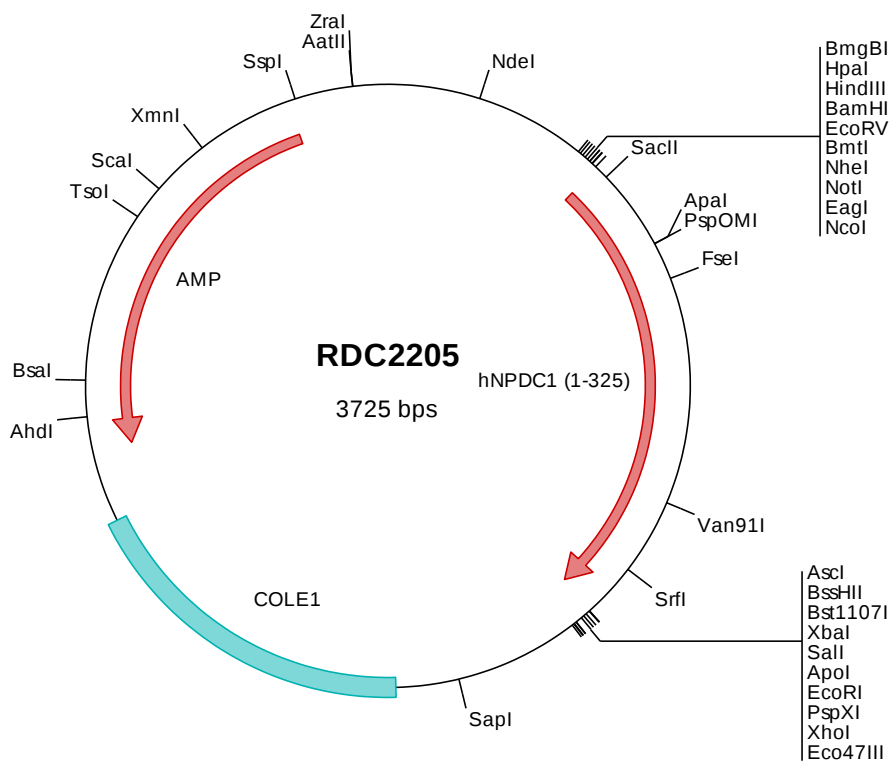
hNPDC-1 cDNA Plasmid

**NPDC1 neural proliferation,
differentiation and control 1**
[*Homo sapiens* (human)]

Also known as: CAB; CAB-; CAB1;
CAB-1; NPDC-1

Summary:

NPDC1 is a type I transmembrane protein and a member of the NPDC1/cab1 family of proteins. It is principally expressed in neurons, and serves as an anti-proliferation agent. It may accomplish this, in part, by binding to E2F-1 and blocking its protranscriptional activity. Alternatively spliced transcripts encoding different proteins have been described.



> RDC2205 Plasmid DNA Sequence

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1   tcgcgcgctt  cggatgatgac  ggtgaaaacc  tctgacacat  gcagctcccc  gagacggtca  cagcttgctc  gtaagcggat  gccgggagca  gacaagcccc
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> RDC2205 Translated Insert Sequence

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