

Specifications:

Gene:	hCNPY2
Accession:	NP_055070
Insert size:	562bp
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.

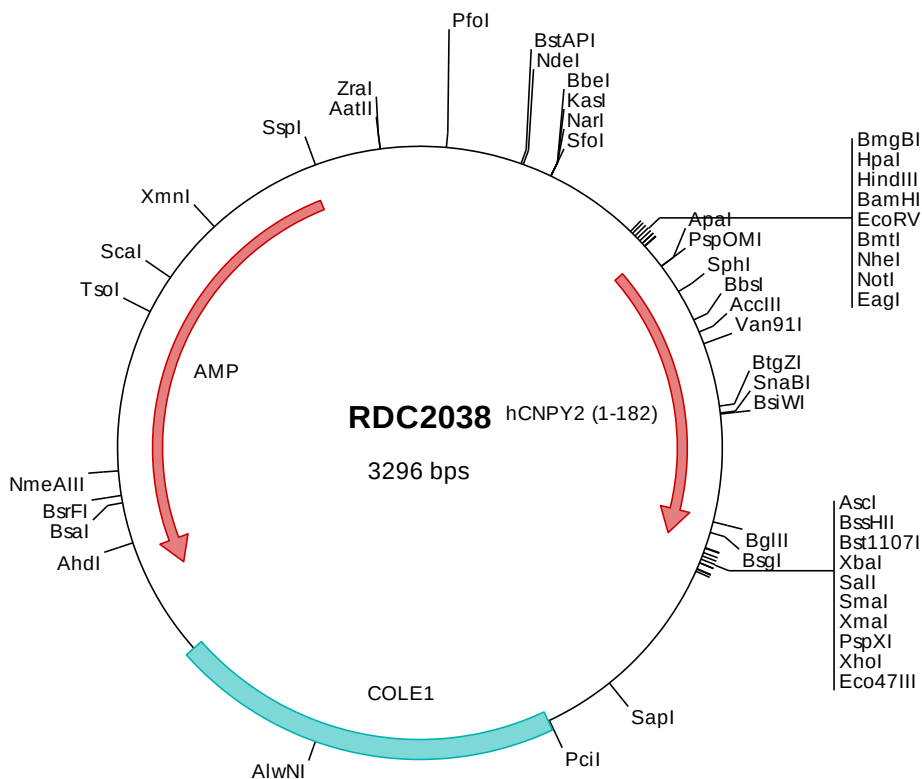
hCNPY2 cDNA Plasmid

**CNPY2 canopy FGF signaling
regulator 2 [*Homo sapiens*
(human)]**

Also known as: MSAP; TMEM4;
ZSIG9; HP10390

Summary:

CNPY2 belongs to the canopy family. It is a positive regulator of neurite outgrowth by stabilizing myosin regulatory light chain (MRLC). It prevents MIR-mediated MRLC ubiquitination and its subsequent proteasomal degradation.



> RDC2038 Plasmid DNA Sequence

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1   tcgcgcgctt  cggatgatgac  ggtgaaaaac  tctgacacat  gcagctcccc  gagacggtca  cagcttgtct  gtaagcggat  gccgggagca  gacaagcccc
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> RDC2038 Translated Insert Sequence

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