

Specifications:

Gene:	<i>hENPP1</i>
Accession:	NP_006199
Insert size:	2791bp
Concentration:	10µg at 0.2µg/µL

**hENPP-1 cDNA
Plasmid**

**ENPP1 ectonucleotide
pyrophosphatase/phosphodiesterase 1 [*Homo sapiens*
(human)]**

Also known as: M6S1; NPP1;
NPPS; PC-1; PCA1; ARHR2; COLED;
PDNP1

Summary:

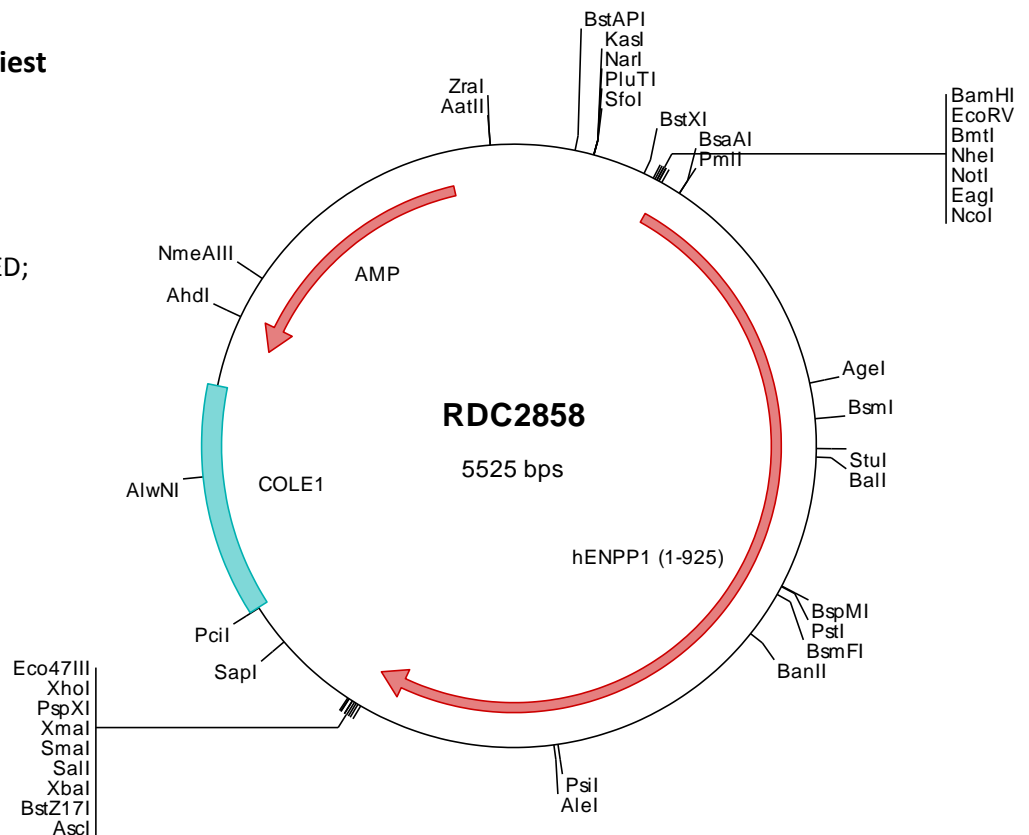
ENPP1 is a member of the ecto-nucleotide pyrophosphatase/phosphodiesterase (ENPP) family. It is a type II transmembrane glycoprotein comprising two identical disulfide-bonded subunits. ENPP1 has broad specificity and cleaves a variety of substrates, including phosphodiester bonds of nucleotides and nucleotide sugars and pyrophosphate bonds of nucleotides and nucleotide sugars.

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

> RDC2858 Plasmid DNA Sequence

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1 tcgctgctgtt cggatgatgac ggtgaaaacc totgacacat gcagctcccg gagacgggtca cagcttgtct gtaagcggat gccggggagca gacaagcccg
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> RDC2858 Translated Insert Sequence

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