

**Specifications:**

Gene:	<i>cyno</i> ANPEP
Accession:	Unique
Insert size:	2920bp
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**

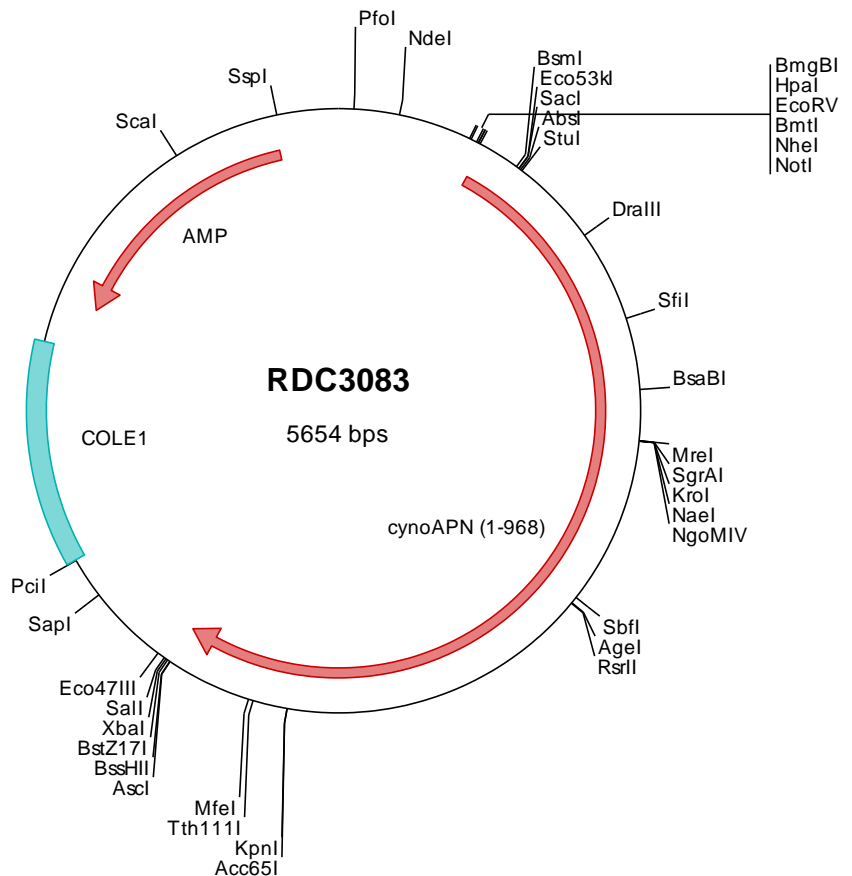
Formulation      cDNA is provided in 10 mM Tris-Cl, pH 8.5  
Shipping            Ships at ambient temperature  
Stability            1 year from date of receipt when stored at -20°C to -80°C  
Storage             Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

***cyno*Aminopeptidase N cDNA Plasmid**

**ANPEP** alanyl aminopeptidase, membrane [ *Macaca fascicularis* (crab-eating macaque) ]

**Summary:**

Aminopeptidase N is widely expressed in many cells, tissues and species. Aminopeptidase N cleaves the N-terminal amino acids from bioactive peptides, leading to their inactivation or degradation. It has roles in many fields such as neuroscience, hematopoietic cells, immune system, angiogenesis, cancer and viral infection. Defects in Aminopeptidase N appear to be a cause of various types of leukemia or lymphoma.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC3083 Plasmid DNA Sequence

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1 tcgcgcgctt cggatgatgac ggtgaaacc totgacacat gcagctccc gagacggtca cagcttgtct gtaagcggat gccggggaca gacaagccc
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> RDC3083 Translated Insert Sequence

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901 nliqavtrrf steyelqle qfkknedtg fgsqtraleq alektranik wvkenkevvl qwftensk

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