

Specifications:

Gene:	<i>hANPEP</i>
Accession:	NP_001141
Insert size:	2917bp
Concentration:	10µg at 0.2µg/µL

hAminopeptidase N cDNA Plasmid

ANPEP alanyl aminopeptidase,
membrane [*Homo sapiens* (human)]

Also known as: APN; CD13; LAP1;
P150; PEPN; GP150

Summary:

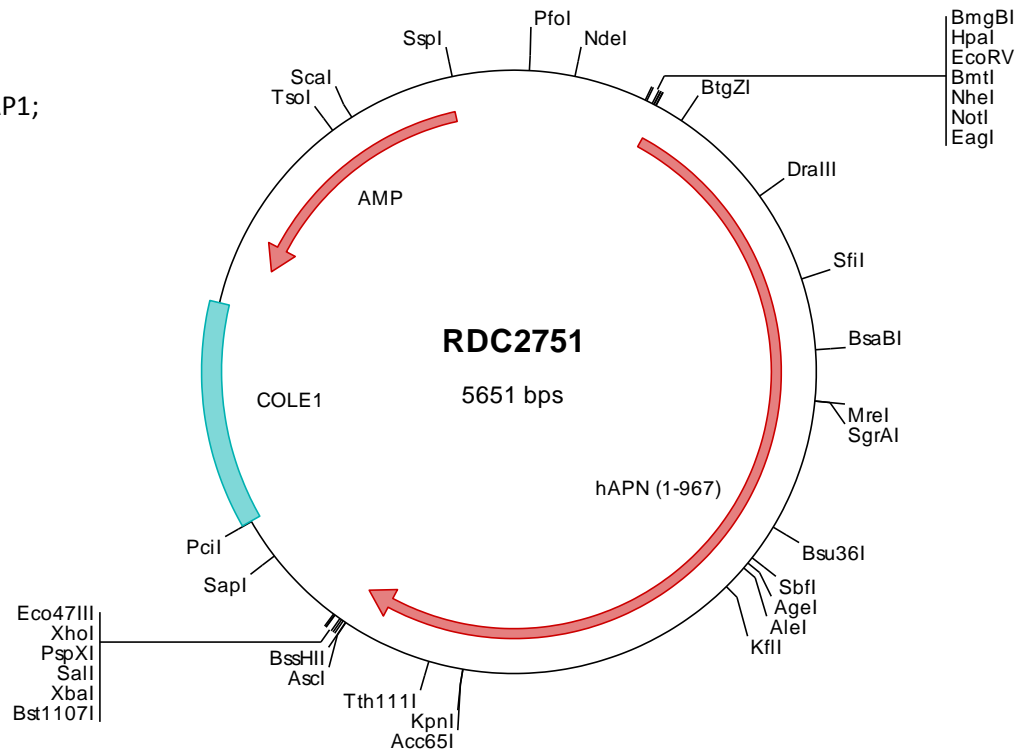
Aminopeptidase N is widely expressed in many cells, tissues and species. Aminopeptidase N cleaves the N-terminal amino acids from bioactive peptides, leading to their inactivation or degradation. It has roles in many fields such as neuroscience, hematopoietic cells, immune system, angiogenesis, cancer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

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

> RDC2751 Plasmid DNA Sequence

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1 tcgctgctgtt cggatgatgac ggtgaaaacc totgacacat gcagctcccg gagacgggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
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> RDC2751 Translated Insert Sequence

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901 liqavtrrfs teyelqqlqeq fkkdneetgf gsgtraleqa lektkanikw vkenkevvlq wftensk

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