

R&D SYSTEMS[®] *h*Aminopeptidase N/CD13 VersaClone cDNA

a biotechne[®] brand

Catalog Number: RDC2751-GFP

Specifications:

Gene:	<i>h</i> ANPEP
Accession:	NP_001141.2
Insert size:	3637bp
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.

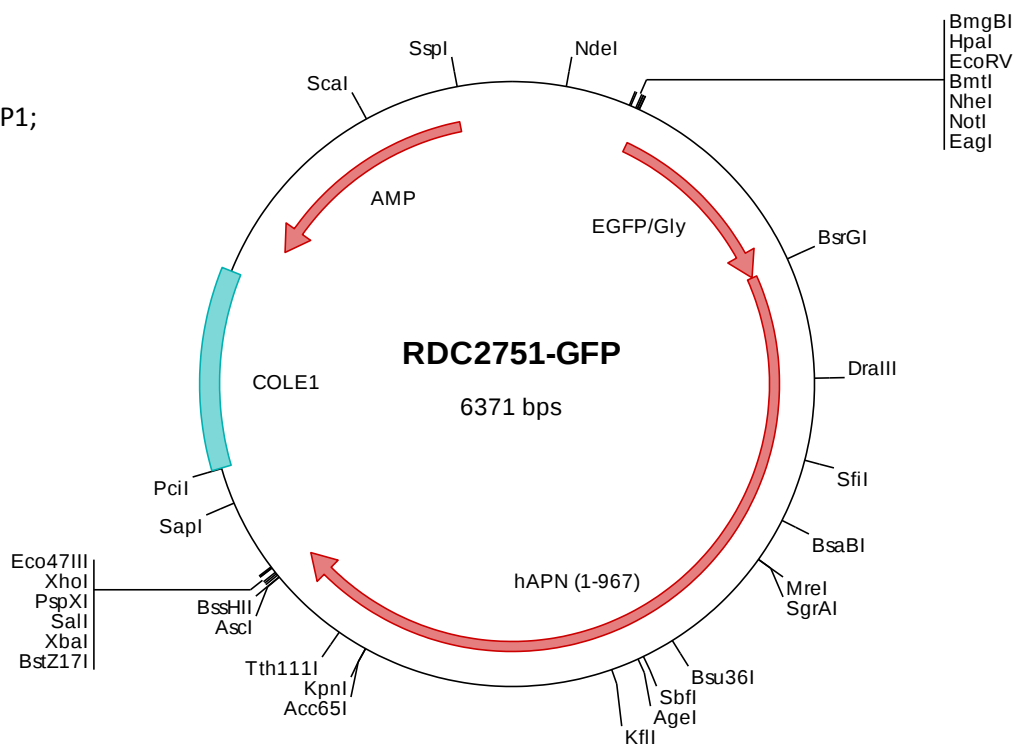
*h*Aminopeptidase N/ CD13 cDNA Plasmid

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.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC2751-GFP Plasmid DNA Sequence

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> RDC2751-GFP Translated Insert Sequence

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