

Specifications:

Gene:	<i>hNAALAD2</i>
Accession:	NP_005458.1
Insert size:	2235bp
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.

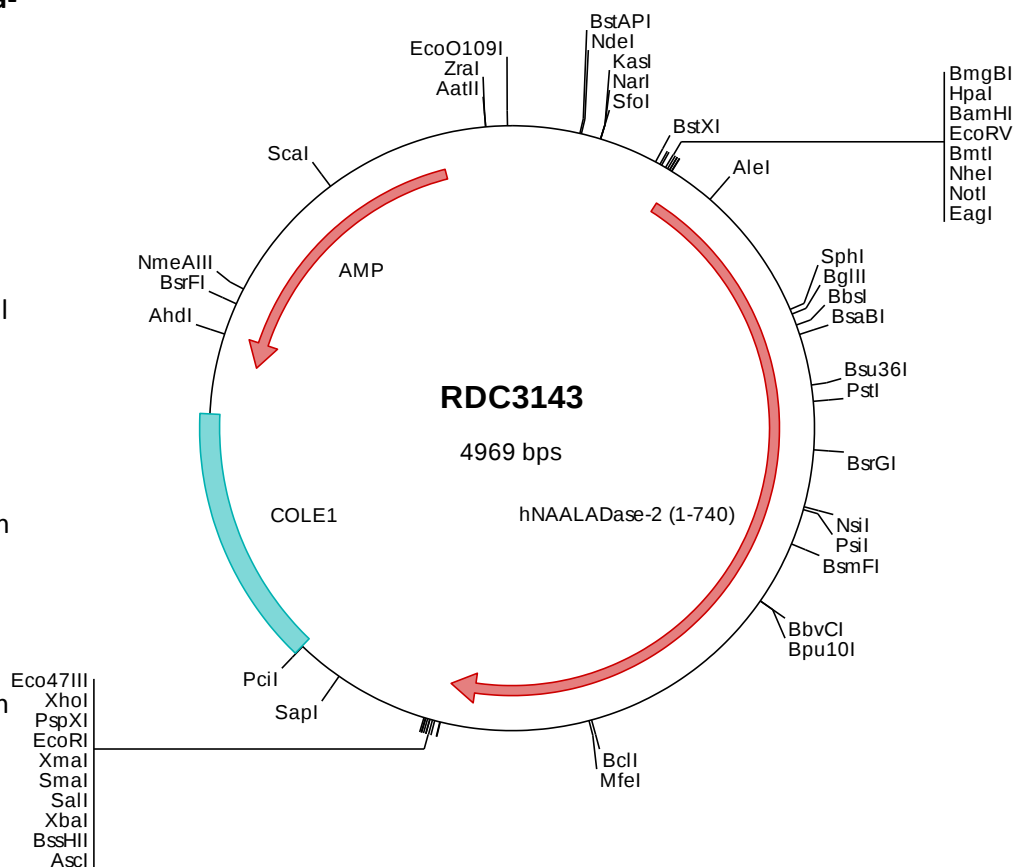
hNAALADase-2 cDNA Plasmid

NAALAD2 N-acetylated alpha-linked acidic dipeptidase 2
[*Homo sapiens* (human)]

Also known as: GCP3III; GPC3III;
NAADALASE2; NAALADASE2

Summary:

NAALADase-2 is a type II integral membrane protein and a member of the N-acetylated alpha-linked acidic dipeptidase (NAALADase) gene family. It is a human prostate-specific membrane antigen (PSM), which is a marker of prostatic carcinomas and is the first to be shown to possess NAALADase activity. It is highly expressed in ovary and testis as well as within discrete brain areas.



> RDC3143 Plasmid DNA Sequence

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> RDC3143 Translated Insert Sequence

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