

Specifications:

Gene:	<i>cynoERAP1</i>
Accession:	XP_005557484
Insert size:	2839bp
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

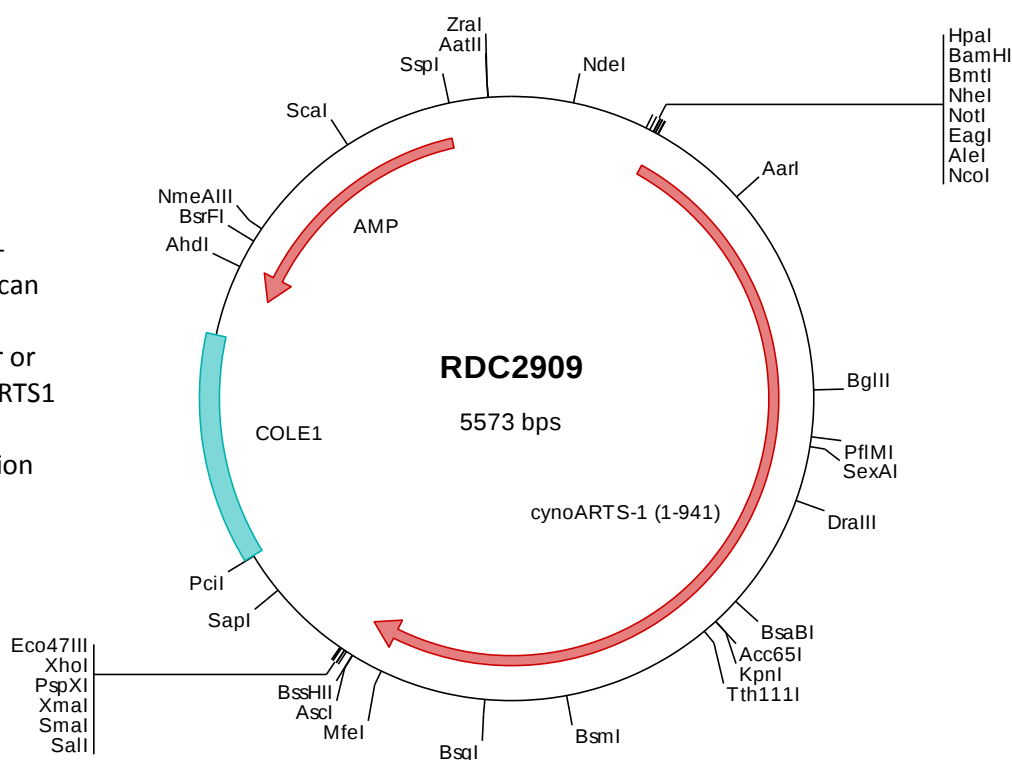
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

cynoARTS1 cDNA Plasmid

ERAP1 endoplasmic reticulum aminopeptidase 1 [*Macaca fascicularis* (crab-eating macaque)]

Summary:

ARTS1 is an aminopeptidase involved in trimming HLA class I-binding precursors so that they can be presented on MHC class I molecules. It acts as a monomer or as a heterodimer with ERAP2. ARTS1 may also be involved in blood pressure regulation by inactivation of angiotensin II.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC2909 Plasmid DNA Sequence

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> RDC2909 Translated Insert Sequence

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