

Specifications:

Gene:	cynoCEACAM5
Accession:	unique
Insert size:	2131bp
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

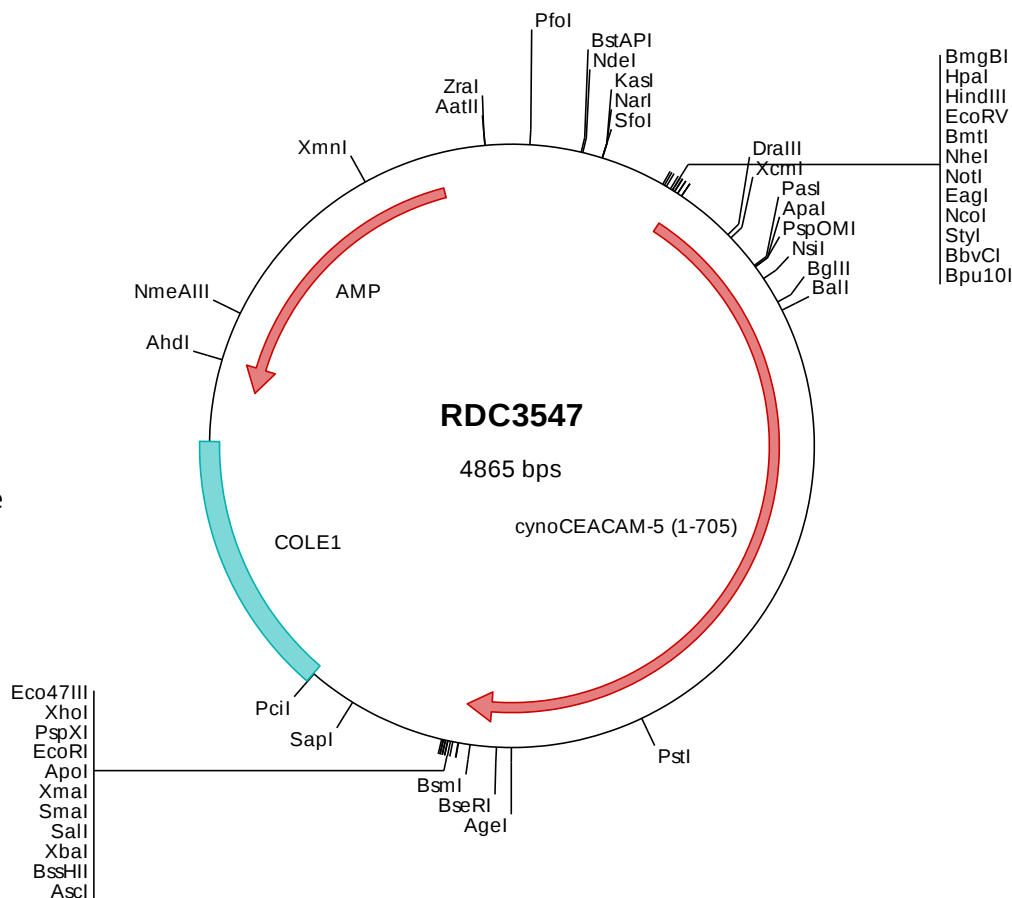
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

cynoCEACAM-5/CD66e cDNA Plasmid

CEACAM5 CEA cell adhesion molecule 5 [*Macaca fascicularis* (crab-eating macaque)]

Summary:

CEACAM5 belongs to the large family of CEACAM and pregnancy specific glycoproteins. CEACAM5 functions as a calcium-independent adhesion molecule through hemophilic and heterophilic interactions with CEACAM1. CEACAM5 is restricted to the apical face of intestinal epithelial cells in the adult but is more diffuse during embryonic development. CEACAM5 is upregulated in a wide variety of human tumors and can promote tumor cell migration, invasion, adhesion, and metastasis.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC3547 Plasmid DNA Sequence

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> RDC3547 Translated Insert Sequence

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701  gvalm

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