

Specifications:

Gene:	cynoTNF
Accession:	BAA19131.1
Insert size:	715bp
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.

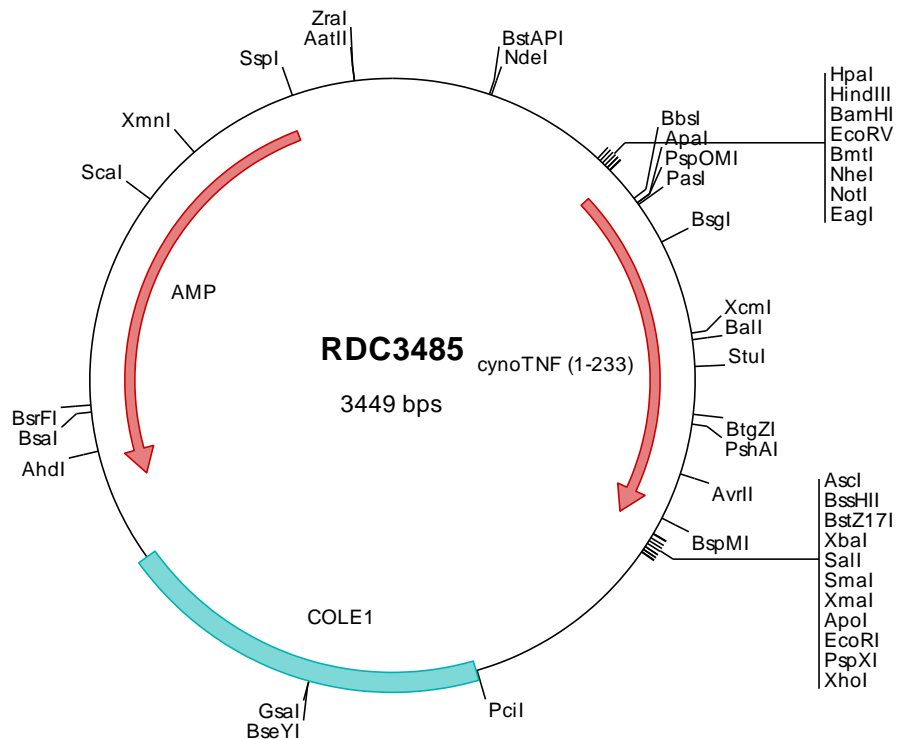
cynoTNF-alpha cDNA Plasmid

TNF tumor necrosis factor
[*Macaca fascicularis* (crab-eating macaque)]

Also known as: TNFA; TNF-a; TNFSF2; Cachectin; TNF-alpha

Summary:

TNFa is a multifunctional proinflammatory cytokine that belongs to the tumor necrosis factor (TNF) superfamily. It is mainly secreted by macrophages. It can bind to, and thus functions through its receptors TNFRSF1A/TNFR1 and TNFRSF1B/TNFR. TNFa is involved in the regulation of a wide spectrum of biological processes including cell proliferation, differentiation, apoptosis, lipid metabolism, and coagulation. It has been implicated in a variety of diseases, including autoimmune diseases, insulin resistance, and cancer.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC3485 Plasmid DNA Sequence

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> RDC3485 Translated Insert Sequence

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