

Specifications:

Gene:	mCd28
Accession:	NP_031668
Insert size:	670bp
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

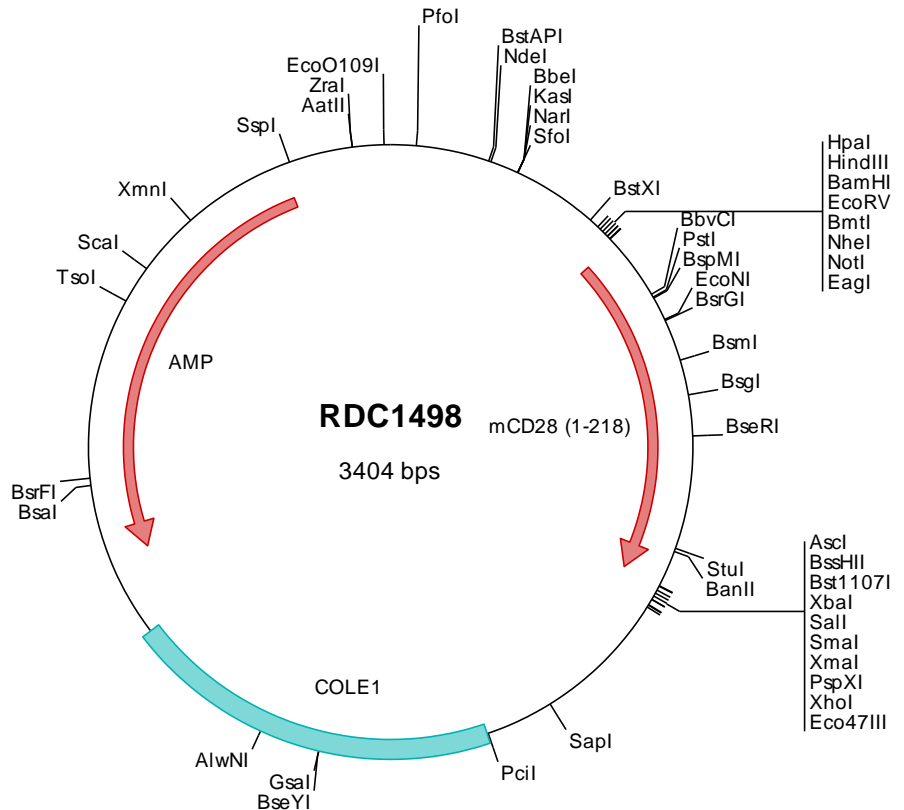
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

mCD28 cDNA Plasmid

Cd28 CD28 antigen [*Mus musculus* (house mouse)]

Summary:

CD28 is a member of the immunoglobulin (Ig) gene superfamily. It is expressed on T cells and on developing thymocytes. It is essential for T-cell proliferation and survival, cytokine production, and T-helper type-2 development.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC1498 Plasmid DNA Sequence

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1   tcgcgcgctt  cggatgatgac  ggtgaaaacc  totgacacat  gcagctcccc  gagacgggtc  cagcttgtct  gtaagcggat  gccggggagca  gacaagcccc
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3401  cgtc

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> RDC1498 Translated Insert Sequence

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1   mtlrllflal  nffsvqvten  kilvkqsp1l  vdsnevsls  crysynllak  efraslykgv  nsdvevcvgn  gnftyqpqfr  snaefncdgd  fdnetvtfrl
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201  rkpyqypapa  rdfaayrpb

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