

Specifications:

Gene:	mCD81
Accession:	NP_598416
Insert size:	724bp
Concentration:	10µg at 0.2µg/µL

mCD81 cDNA Plasmid

Cd81 CD81 antigen [*Mus musculus*]

Also known as: Tapa1; Tapa-1;
Tspan28

Summary:

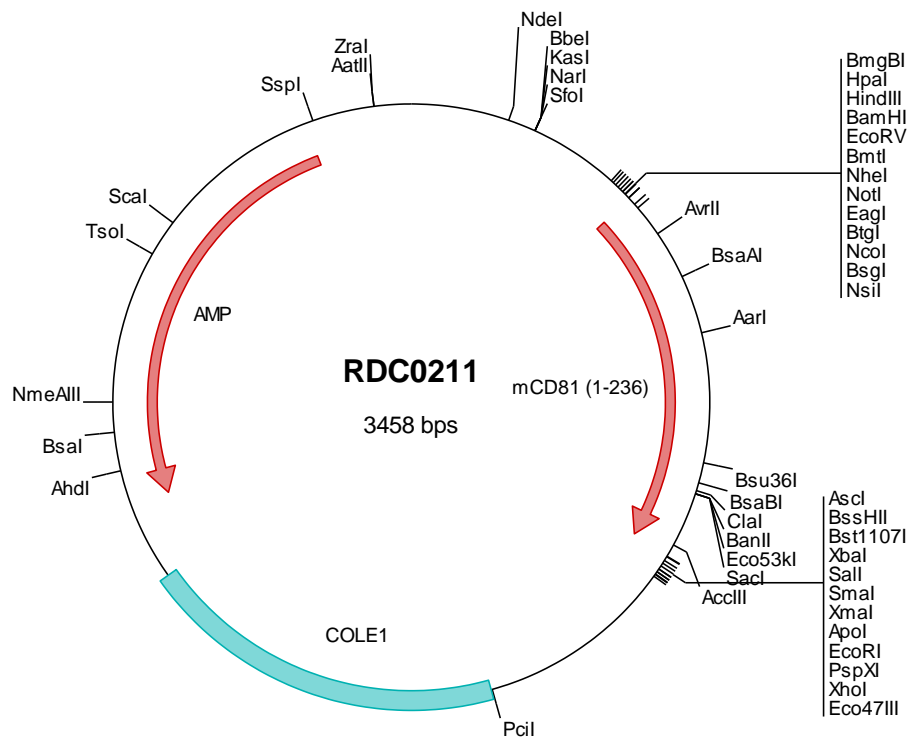
CD81, also known as TAPA-1 and Tspan28, is a widely expressed protein in the Tetraspanin family. CD81 is a multifunctional protein that interacts with a variety of molecules, including other tetraspanins, and is important for organization of the plasma membrane into microdomains. CD81 facilitates B-cell and T-cell activation and is an integrin-binding adhesion molecule. CD81 expression on lymphocytes is altered during infection by hepatitis C virus or HIV-1 and contributes to the pathogenicity of those viruses. Mouse CD81 shares 92% - 94% aa sequence identity with human and rat CD81.

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.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS



> RDC0211 Plasmid DNA Sequence

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1   tcgcgcggtt  cggatgatgac  ggtgaaaacc  tetgacacat  gcagctcccg  gagacggtea  cagcttgtct  gtaagcggat  gccgggagca  gacaagcccg
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> RDC0211 Translated Insert Sequence

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