

Specifications:

Gene:	mCd27
Accession:	NP_001028298
Insert size:	766bp
Concentration:	10µg at 0.2µg/µL

**mCD27/TNFRSF7
cDNA Plasmid**

Cd27 CD27 antigen [*Mus musculus* (house mouse)]

Also known as: S152; Tp55; Tnfrsf7

Summary:

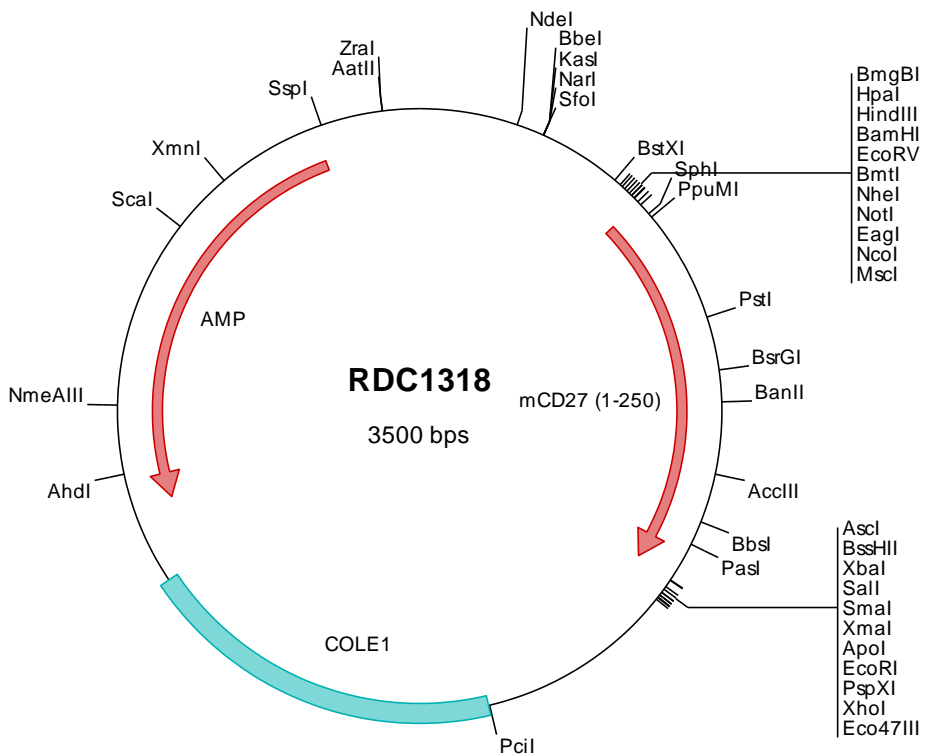
CD27 is a member of the TNF receptor superfamily. It is required for generation and long-term maintenance of T-cell immunity. CD27 binds to ligand CD70, and plays a key role in regulating B-cell activation and immunoglobulin synthesis. This receptor transduces signals that lead to the activation of NF-kappaB and MAPK8/JNK. Adaptor proteins TRAF2 and TRAF5 have been shown to mediate the signaling process of CD27 in humans.

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

> RDC1318 Plasmid DNA Sequence

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1   tcgcgcgctt  cggatgatgac  ggtgaaaacc  tctgacacat  gcagctcccc  gagacgggtca  cagcttgtct  gtaagcggat  gccgggagca  gacaagcccc
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> RDC1318 Translated Insert Sequence

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