

Specifications:

Gene:	mTnfrsf9
Accession:	NP_035742
Insert size:	784bp
Concentration:	10µg at 0.2µg/µL

m4-1BB/TNFRSF9 cDNA Plasmid

**Tnfrsf9 tumor necrosis factor
receptor superfamily, member 9**
[*Mus musculus* (house mouse)]

Also known as: ILA; Ly63; 4-1BB;
Cd137; CDw137; AA408498;
A1325004; A930040I11Rik

Summary:

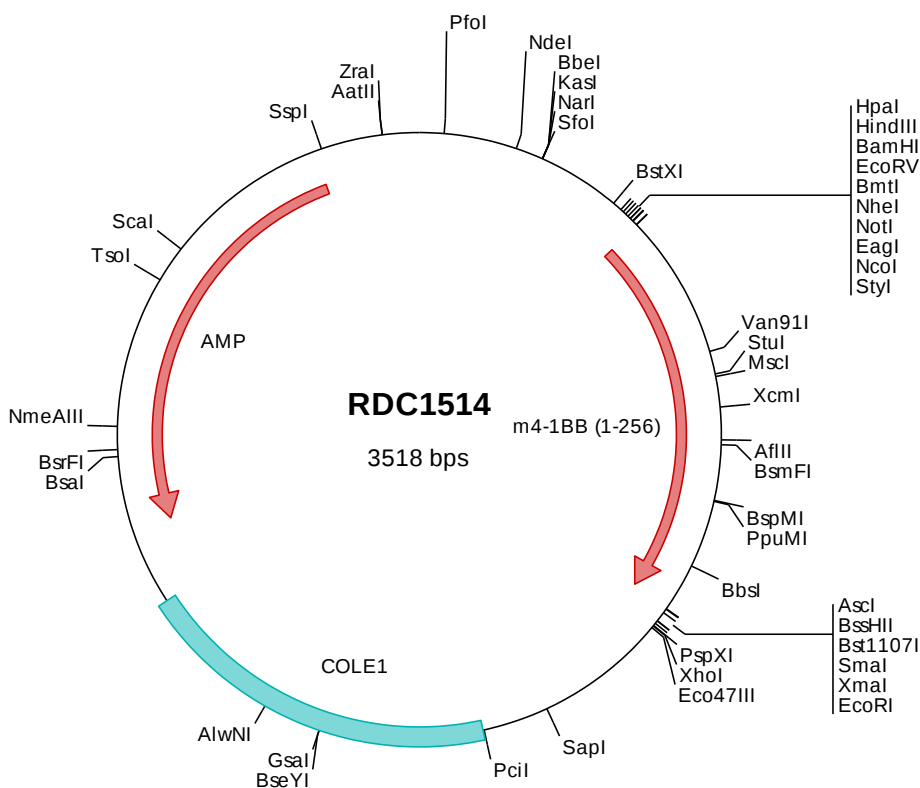
4-1BB is a member of the TNF receptor superfamily. It contributes to the clonal expansion, survival, and development of T-cells. It can also induce proliferation in peripheral monocytes, enhance T-cell apoptosis induced by TCR/CD3 triggered activation, and regulate CD28 co-stimulation to promote Th1 cell responses. The expression of 4-1BB is induced by lymphocyte activation. TRAF adaptor proteins have been shown to bind to 4-1BB and transduce the signals leading to activation of NF-kappaB.

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.



> RDC1514 Plasmid DNA Sequence

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> RDC1514 Translated Insert Sequence

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