

Specifications:

Gene:	rCD40
Accession:	NP_599187
Insert size:	883bp
Concentration:	10µg at 0.2µg/µL

rCD40/TNFRSF5 cDNA Plasmid

CD40 molecule, TNF receptor superfamily member 5 [*Rattus norvegicus*]

Also known as: p50; Bp50; CDW40; TNFRSF5; MGC9013

Summary:

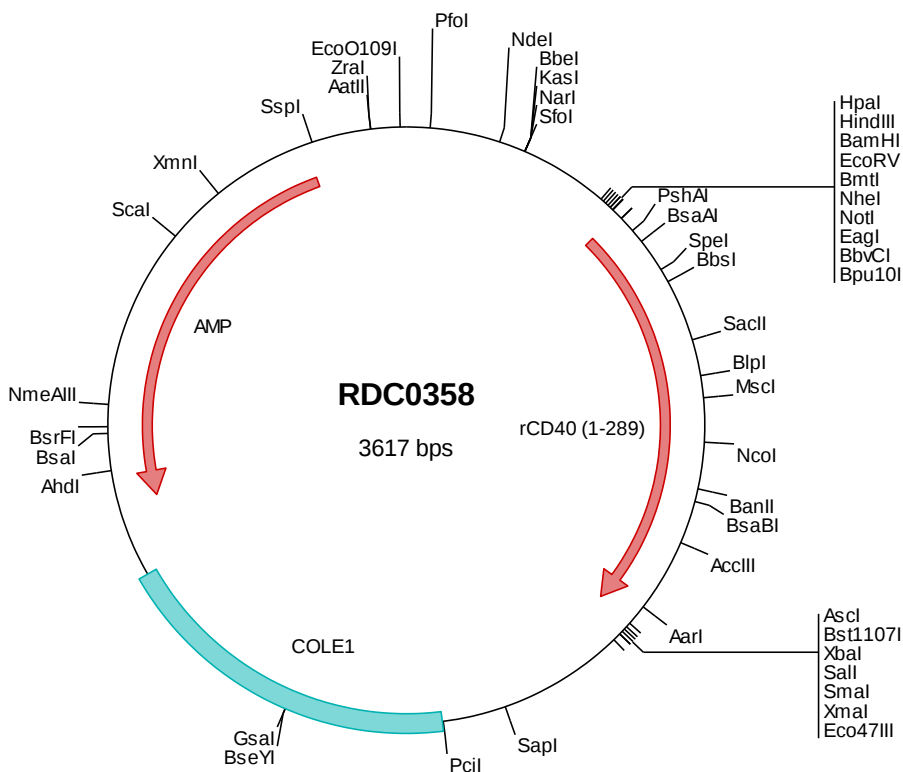
CD40 is a member of the TNF receptor superfamily. It has been found to be essential in mediating a broad variety of immune and inflammatory responses including T-cell-dependent immunoglobulin class switching, memory B-cell development, and germinal center formation. AT-hook transcription factor AKNA is reported to coordinately regulate the expression of this receptor and its ligand, CD40L, which may be important for homotypic cell interactions. Adaptor protein TNFR2 interacts with CD40 and serves as a mediator of the signal

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.





> RDC0358 Plasmid DNA Sequence

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> RDC0358 Translated Insert Sequence

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