

Specifications:

Gene:	hCD40
Accession:	NP_001241
Insert size:	847bp
Concentration:	10µg at 0.2µg/µL

**hCD40/TNFRSF5
cDNA Plasmid**

**CD40 CD40 molecule, TNF
receptor superfamily member 5
[*Homo sapiens* (human)]**

Also known as: p50; Bp50;
CDW40; TNFRSF5

Summary:

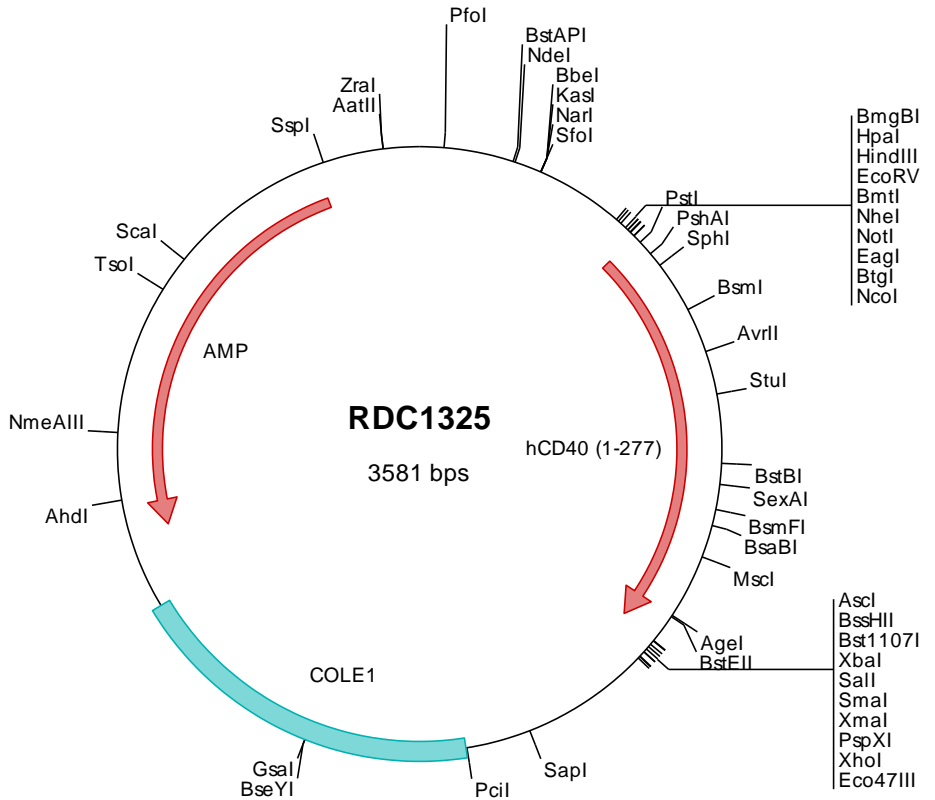
CD40 is a member of the TNF receptor superfamily. It has been found to be essential in mediating a broad variety of immune and inflammatory responses including T-cell-dependent immunoglobulin class switching, memory B-cell development, and germinal center formation. Interaction of CD40 with its ligand, CD40L, leads to aggregation of CD40 molecules, which in turn interact with cytoplasmic components to initiate signaling pathways.

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.



> RDC1325 Plasmid DNA Sequence

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1   tcgcgcggtt  cggatgatgac  ggtgaaaacc  tetgacacat  gcagctcccg  gagacggtca  cagcttgtct  gtaagcggat  gccgggagca  gacaagcccg
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> RDC1325 Translated Insert Sequence

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