

**Specifications:**

Gene:	hCD28
Accession:	NP_006130
Insert size:	676bp
Concentration:	10µg at 0.2µg/µL

**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.

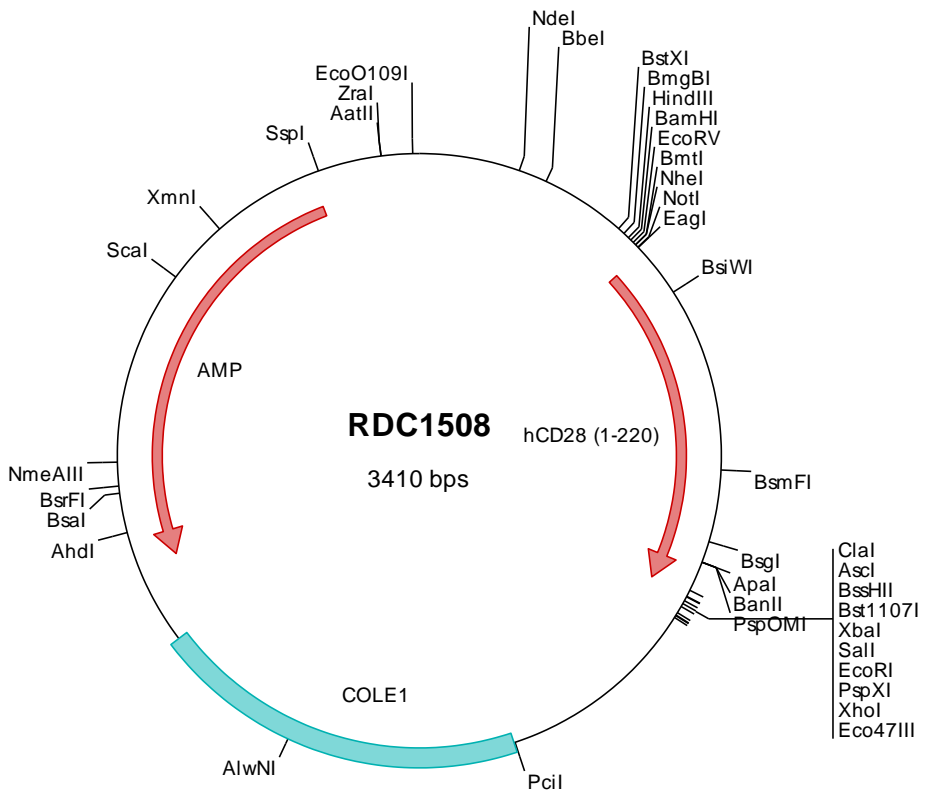
**hCD28 cDNA Plasmid**

CD28 CD28 molecule [ *Homo sapiens* (human) ]

Also known as: Tp44

**Summary:**

CD28 is a member of the immunoglobulin (Ig) gene superfamily. It is expressed on T cells and on developing thymocytes. It is essential for T-cell proliferation and survival, cytokine production, and T-helper type-2 development.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC1508 Plasmid DNA Sequence

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1   tcgcgcgctt  cggatgatgac  ggtgaaaacc  totgacacat  gcagctcccc  gagacgggtca  cagcttgtct  gtaagcggat  gccgggagca  gacaagcccc
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> RDC1508 Translated Insert Sequence

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