

**Specifications:**

Gene:	hCD5
Accession:	NP_055022
Insert size:	1501bp
Concentration:	10µg at 0.2µg/µL

**hCD5 cDNA Plasmid**

CD5 CD5 molecule [ *Homo sapiens* (human) ]

Also known as: T1; LEU1

**Summary:**

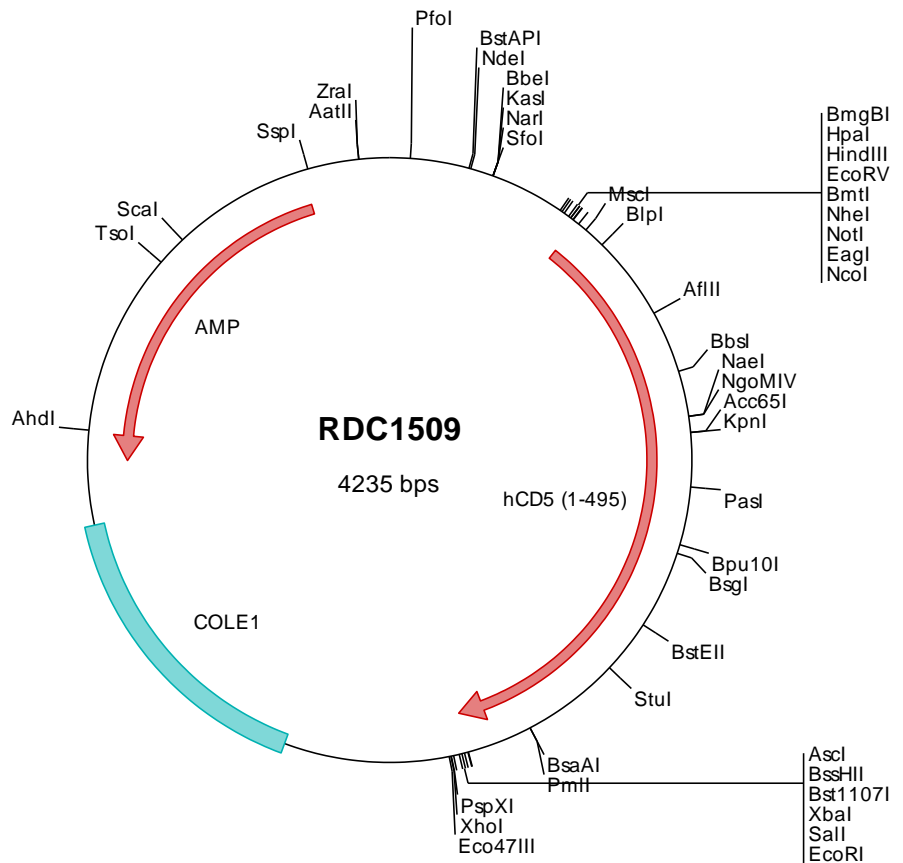
CD5 is a type I transmembrane protein belonging to the scavenger receptor cysteine rich (SRCR) superfamily. It is expressed on thymocytes, T cells and the B1a subpopulation of B cells. CD5 binds the C type lectin, CD72, and modulates signaling through the antigen receptors on T and B cells. CD5 has been shown to provide either positive or negative co-stimulatory signals depending on cell type to regulate immune responses.

**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

### > RDC1509 Plasmid DNA Sequence

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### > RDC1509 Translated Insert Sequence

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