

**Specifications:**

Gene:	hCD5L
Accession:	NP_005885
Insert size:	1057bp
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.

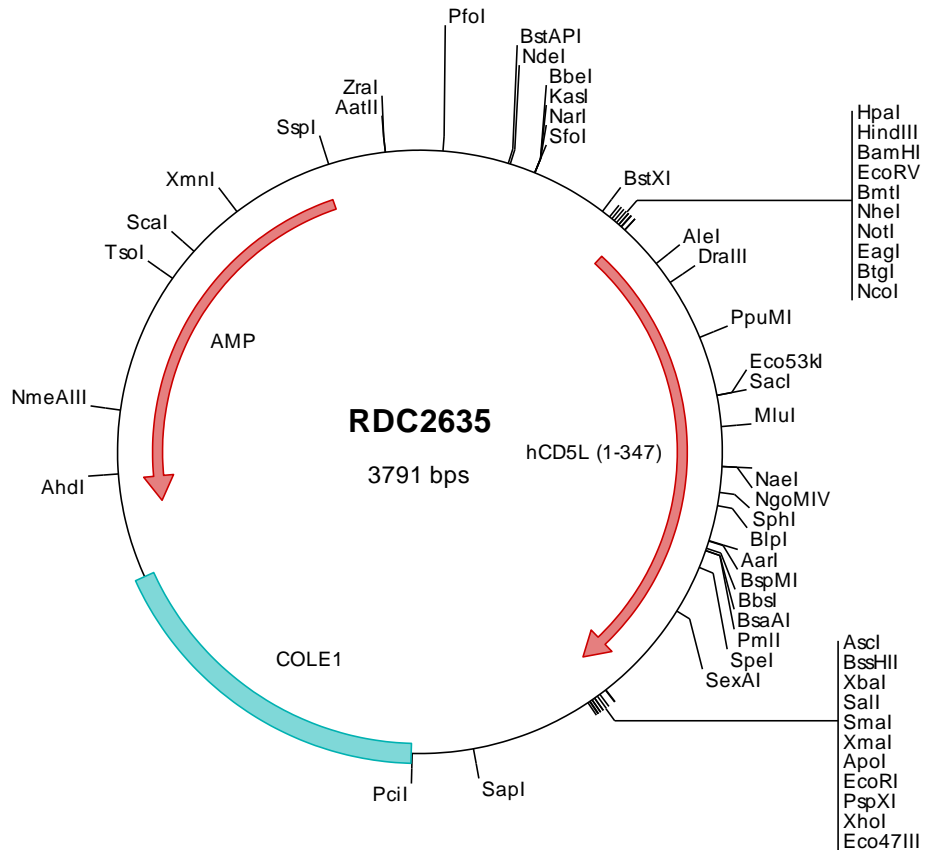
**hCD5L cDNA Plasmid**

CD5L CD5 molecule like [ *Homo sapiens* (human) ]

**Also known as:** AIM; API6; CT-2; hAIM; PRO229; Spalpa; SP-ALPHA

**Summary:**

CD5L is a secreted glycoprotein that belongs to the SRCR (scavenger receptor cysteine rich) group B family of proteins. CD5L is up-regulated in macrophages at inflammatory sites. It sustains inflammatory reactions by both increasing the phagocytic capacity of macrophages and impeding the apoptosis of local macrophages, NK cells, and T cells. CD5L also functions as a pattern recognition molecule by binding both lipoteichoic acid on Gram positive and lipopolysaccharide on Gram negative bacteria.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC2635 Plasmid DNA Sequence

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1 tcgctgcttt cggatgatgac ggtgaaaacc totgacacat gcagctcccc gagacgggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
101 tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg ctttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gttgaaata
201 ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgcatt caggctcgc aactgttggg aagggcgatc ggtcgggcc tcttcctat
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> RDC2635 Translated Insert Sequence

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201 iwlsqmscsg reatldcps gpwgkntcnh dedtweced pfdlrlvvgd nlcsgrlevl hkqvwgsvcd dnwgekcdqv vckqlqcgks lpspsfrdrck
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