

Specifications:

Gene:	hCD4
Accession:	NP_000607
Insert size:	1389bp
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.

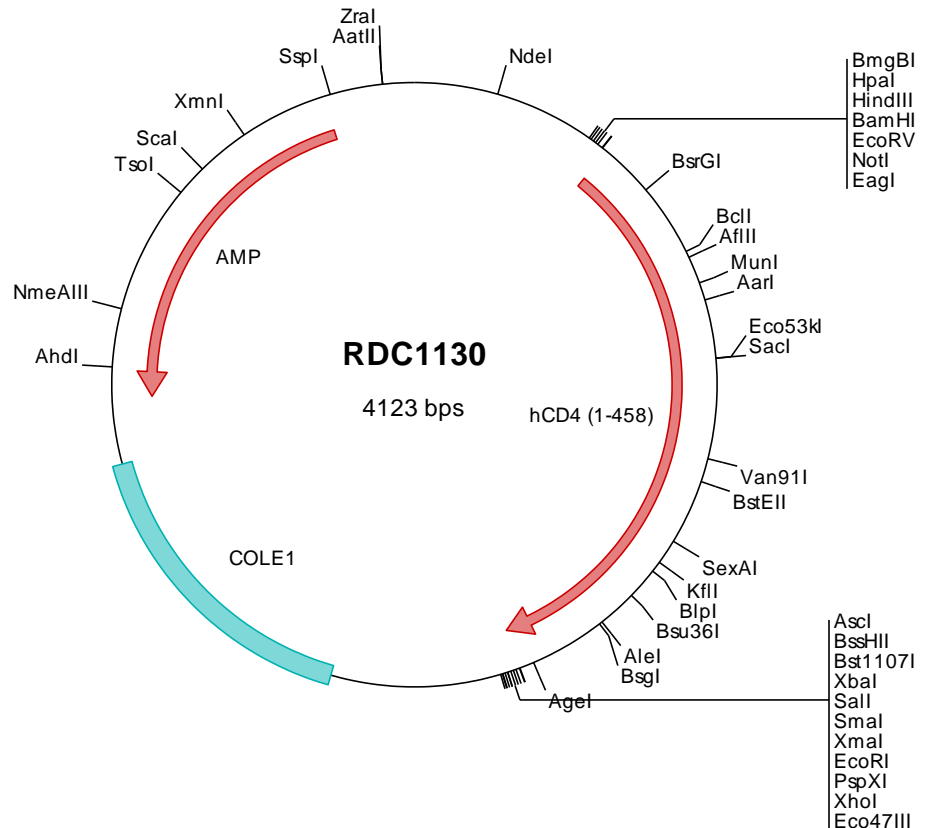
hCD4 cDNA Plasmid

CD4 CD4 molecule [*Homo sapiens* (human)]

Also known as: CD4mut

Summary:

CD4 is a transmembrane protein that is expressed predominantly on thymocytes and a subset of mature T lymphocytes. It is a coreceptor required for T cell recognition of antigens that are presented by class II major histocompatibility complexes. CD4 has also been shown to be a coreceptor of HIV entry and specifically binds gp120, the external envelope glycoprotein of HIV. It is a standard phenotype marker for the identification of T cell populations.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS



> RDC1130 Plasmid DNA Sequence

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1   tcgcgcggtt  cggatgatgac  ggtgaaaacc  tetgacacat  gcaagctccc  gagacggtea  cagcttgtct  gtaagcggat  gccgggagca  gacaagcccg
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> RDC1130 Translated Insert Sequence

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