

Specifications:

Gene:	mCr2
Accession:	NP_031784.1
Insert size:	3112bp
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.

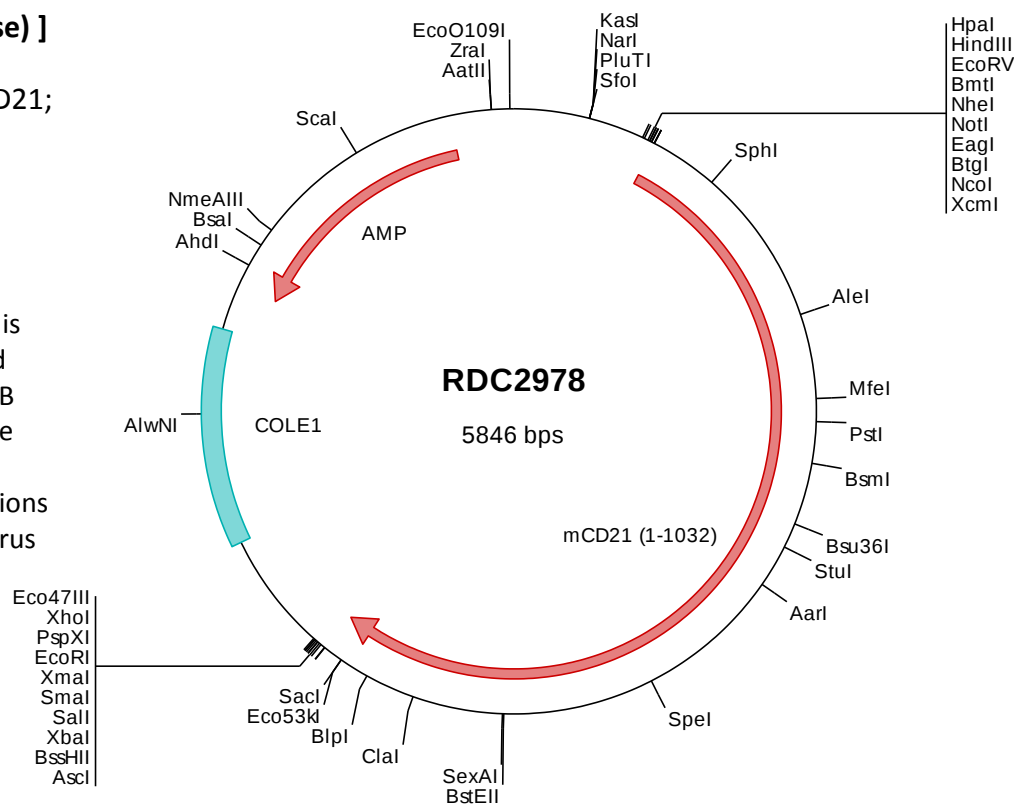
**mCD21 cDNA Plasmid
(Draft1)**

Cr2 complement receptor 2
[*Mus musculus* (house mouse)]

Also known as: Cr1; C3DR; CD21;
CD35; Cr-1; Cr-2

Summary:

CD21 is a member of the RCA (receptors of complement activation) family of proteins. It is expressed on T cells, B cells, and follicular dendritic cells. On the B cell surface, it combines with the BCR and CD19 to form a B cell activating complex. It also functions as a receptor for Epstein-Barr virus (EBV) binding on B and T lymphocytes.



> RDC2978 Plasmid DNA Sequence

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1   tcgcgcgcttt cggatgatgac ggtgaaaaacc tctgacacat gcagctcccc gagacgggtca cagcttgtct gtaagcggat gccggggagca gacaagcccc
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201  ccgcacacgat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctcgcg aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
301  tacgcccagct ggcgaaaagg ggaatgtgtg caaggcgatt aagttgggta accgcagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaaat
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> RDC2978 Translated Insert Sequence

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