

**Specifications:**

Gene:	mCd7
Accession:	NP_033984
Insert size:	646bp
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**

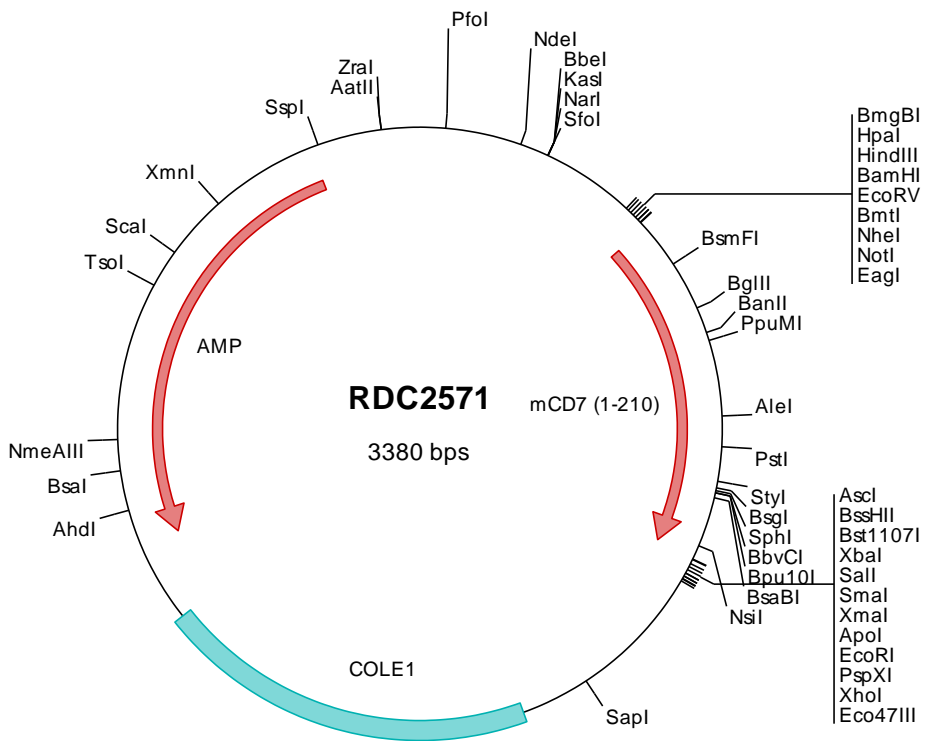
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

**mCD7 cDNA Plasmid**

**Cd7 CD7 antigen [ *Mus musculus* (house mouse) ]**

**Summary:**

CD7 is a transmembrane protein which is a member of the immunoglobulin superfamily. It is found on thymocytes and mature T-cells and plays an essential role in T-cell interactions and also in T-cell/B-cell interaction during early lymphoid development. CD7 is a negative prognostic marker in myeloid malignancies.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC2571 Plasmid DNA Sequence

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1   tcgctgctgtt  cggatgatgac  ggtgaaaacc  totgacacat  gcagctcccc  gagacgggtca  cagcttgtct  gtaagcggat  gccgggagca  gacaagcccc
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> RDC2571 Translated Insert Sequence

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201  ktpcipnqyq

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