

**Specifications:**

Gene:	mCd47
Accession:	NP_034711
Insert size:	988bp
Concentration:	10µg at 0.2µg/µL

**mCD47 cDNA Plasmid**

**Cd47 CD47 antigen (Rh-related antigen, integrin-associated signal transducer) [ *Mus musculus* (house mouse) ]**

**Also known as:** IAP; Itgp; AA407862; AI848868; AW108519; 9130415E20Rik; B430305P08Rik

**Summary:**

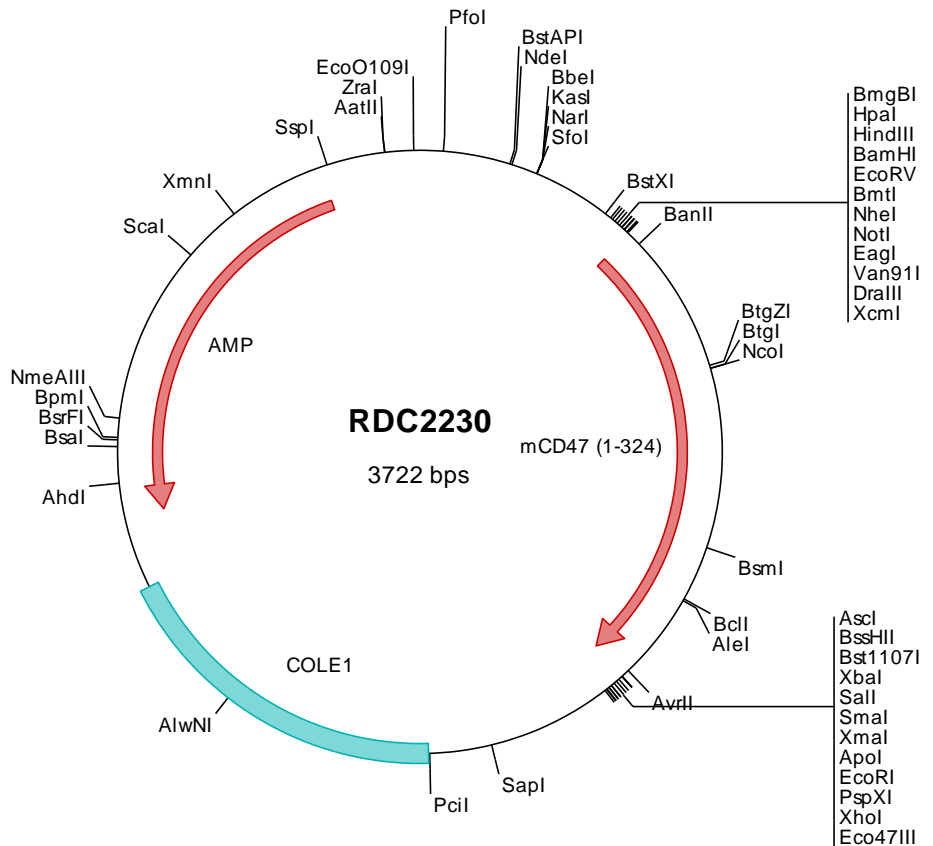
CD47 is a membrane protein and involved in the increase in intracellular calcium concentration that occurs upon cell adhesion to extracellular matrix. It is also a receptor for the C-terminal cell binding domain of thrombospondin, and it may play a role in membrane transport and signal transduction.

**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

> RDC2230 Plasmid DNA Sequence

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1   tcgctgctgtt  cggatgatgac  ggtgaaaacc  tctgacacat  gcagctcccc  gagacgggtca  cagcttgtct  gtaagcggat  gccgggagca  gacaagcccc
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> RDC2230 Translated Insert Sequence

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