

Specifications:

Gene:	mCcn1
Accession:	NP_034646.1
Insert size:	1153bp
Concentration:	10µg at 0.2µg/µL

mCyr61/CCN1 cDNA Plasmid

Ccn1 cellular communication network factor 1 [*Mus musculus* (house mouse)]

Also known as: Cyr61; Igfbp10; AI325051

Summary:

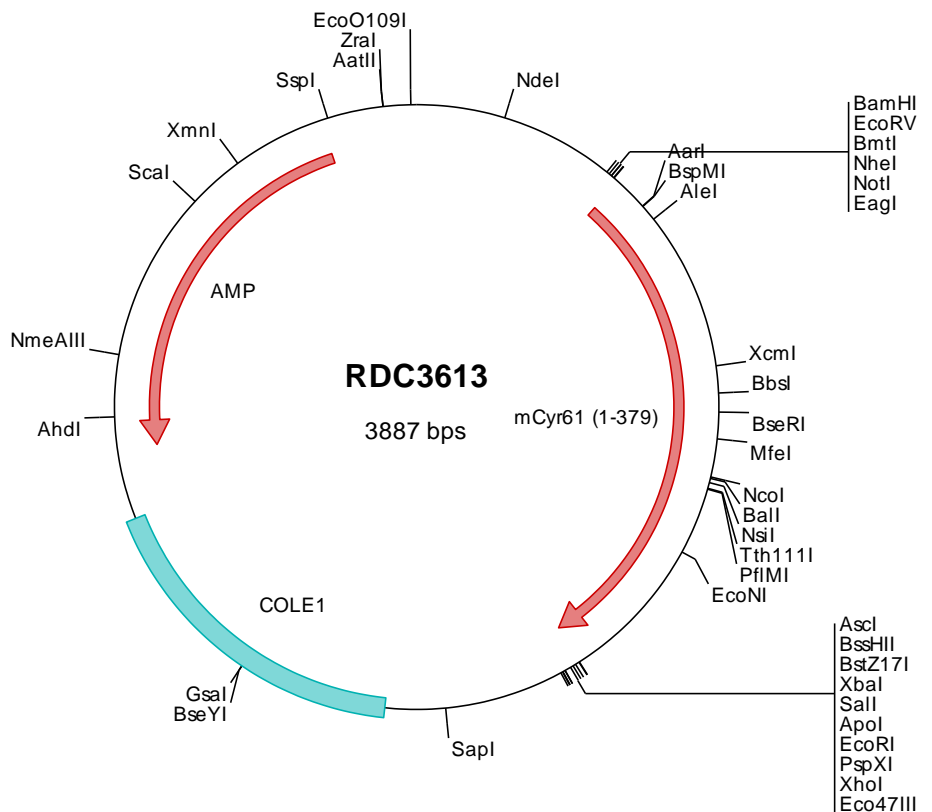
CCN1 is growth factor-inducible and promotes the adhesion of endothelial cells. CCN1 interacts with several integrins and with heparan sulfate proteoglycan. It also plays a role in cell proliferation, differentiation, angiogenesis, apoptosis, and extracellular matrix formation.

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.



> RDC3613 Plasmid DNA Sequence

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1 tcgctgctgtt cggatgatgac ggtgaaaacc totgacacat gcagctcccc gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccc
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201 ccgcacacgat gcgtaaggag aaaataccgc atcaggcgcc attcgcatt caggctcgcg aactgttggg aagggcgatc ggtcggggcc tcttcgctat
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3701 caatattatt gaagcattta tcagggttat tgtctcatga gccgatacat atttgaaatg atttagaaaa ataaacaat aggggttccg cgcacatttc
3801 cccgaaaagt gccacctgac gtctaagaaa ccattattat catgacatta acctataaaa ataggcgtat caccaggccc tttctgtc

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> RDC3613 Translated Insert Sequence

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201 ssikrlpvfg teprvlfnpf hahgqkciqv tswsqcsks cgtgistrvt ndnpeclrvk etricevrpc gqpvysllkk gkkcsktkks pepvrftyag
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