

Specifications:

Gene:	hC1QTNF3
Accession:	NP_852100
Insert size:	973bp
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.

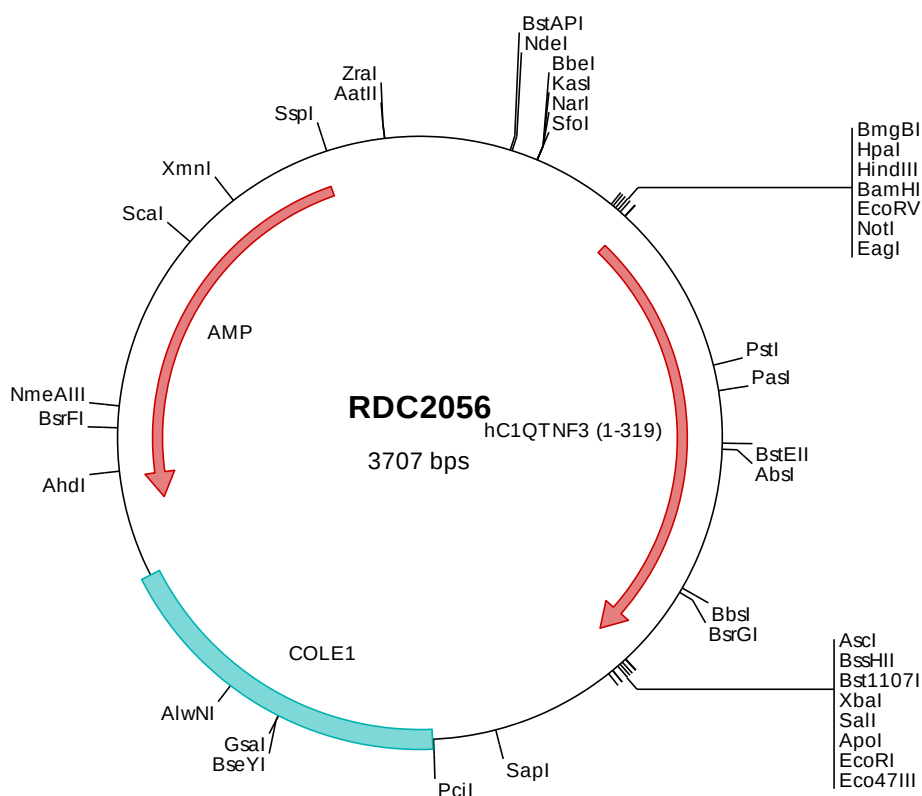
hC1qTNF3/CORS26 cDNA Plasmid

C1QTNF3 C1q and TNF related 3
[*Homo sapiens* (human)]

Also known as: CORS; CORCS;
CTRP3; CORS26; C1ATNF3; CORS-26

Summary:

C1QTNF3 is a member of the C1q family of proteins. C1QTNF3 is a secreted protein and contains one C1q domain and one collagen-like domain. C1QTNF3 stimulates mesenchymal chondroprogenitor cell proliferation through extracellular signal-regulated kinase and phosphatidylinositol 3-kinase/Akt pathways. C1QTNF3 also promotes proliferation and the migration of endothelial cells.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC2056 Plasmid DNA Sequence

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1   tcgcgcgctt cggatgatgac ggtgaaaacc tctgacacat gcagctcccc gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccc
101  tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg cttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gttgtgaaata
201  ccgcacacgat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
301  tacgccagct ggcgaaaagg ggaatgtgtg caaggcgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaaatt
401  ggagacgtgt taacaagctt ggaaccgata tcgctagcgc ggccgccaacc atgcttttga ggcagctcat ctattggcaa ctgctggctt tgtttttcct
501  ccctttttgc ctgtgtcaag atgaatacat ggaggtgagc ggaagaacta ataaagtgtt ggcaagaata gtgcaaaacc accagcagac tggccgtagc
601  ggctccagga gggagaaagt gagagagcgg agccatccta aaactgggac tgtggataat aacacttcta cagacctaaa atccctgaga ccagatgagc
701  taccgcaccc cgaggtagat gaactagccc agatcaccac attctggggc cagtctccac aaaccggagg actaccccca gactgcagta agtgtgtgca
801  tggagactac agcttttgag gctaccaagg ccccccctgg ccacggggcc ctctggcat tccaggaaac catggaaaca atggcaacaa tggagccact
901  ggtcatgaag gagccaaagg tgagaagggc gacaaagggt acctggggcc tcgaggggag cgggggcagc atggccccaa aggagagaag ggtaccocgg
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1301 agctagccaa aggggatgag gtttccatgc gaatgggcaa tggcgctctc catggggacc ctccaccttt ctccaccttt gcaggatttc tgcctcttga
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2401 caaacaacc accgctgcta gcggtggttt tttgtttgc aagcagcaga ttacgcgcag aaaaaaagga atcctttgat cttttctacg
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3601 aggggttccg cgcacatttc cccgaaaagt gccacctgac gtctaagaaa ccattattat catgacatta acctataaaa ataggcgtat cagcaggccc
3701 tttcgttc

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> RDC2056 Translated Insert Sequence

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1   mlwrqliywq llalfllpfc lcqdeymevs grtnkvvari vqshqqtgrs gsrrekvrer shpktgtvdn ntstdlkslr pdelphpevd dlaqittfwg
101  qspqtgglpp dcskchgdys sfrgyggppg ppgppgipgn hgngngngat ghegakgek dkgdlgprge rgqhgpkgek gypgippelq iafmaslath
201  fsnqnsqiif ssvetnignf fdvmtgrfga pvsqvyfftf smmkhedvee vyvylmhngn tvfmsysiem kgksdtssnh avlklakgde vwlrmngal
301  hghdhrfstf agfllfetk

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