*m*CTRP4/C1qTNF4 VersaClone cDNA

Catalog Number: RDC2137

Specifications:

Gene:	*m*C1qtnf4
Accession:	NP_080437
Insert size:	994bp
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

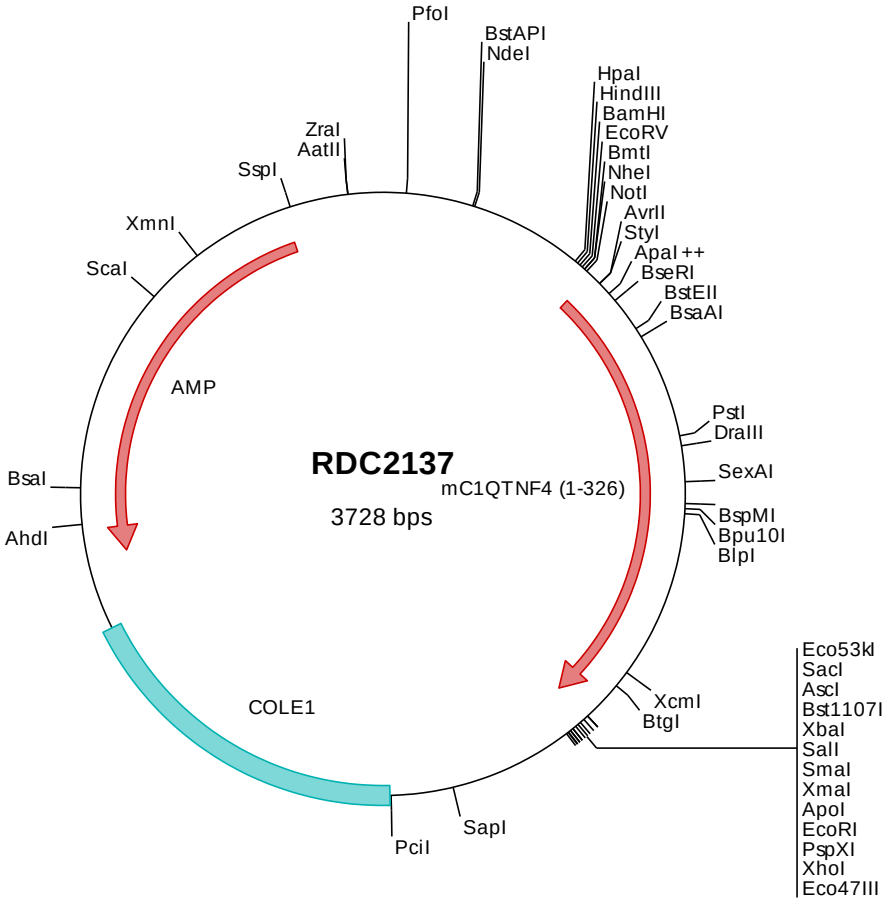
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*m*CTRP4/C1qTNF4 cDNA Plasmid

C1qtnf4 C1q and tumor necrosis factor related protein 4 [*Mus musculus* (house mouse)]

Also known as: CTRP4; 0710001E10Rik; 9430004J15Rik

Summary:
Cq1TNF4 is a secreted protein and is one of at least 9 paralogs of Acrp30/Adiponectin. Proteins in this family contain a globular C-terminal domain similar to that of the C1q and TNF ligand family. C1qTNF4 is the only family member that lacks the collagen-like domain but has two C1q domains.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

R&D SYSTEMS
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> RDC2137 Plasmid DNA Sequence

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 101  tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg cttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
 201  ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
 301  tacgccagct ggcgaaaggg ggatgtgctg caaggcgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
 401  ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgccacc atgctgctgc tcttgctggg cttcctaggc ccggcggcct gctgggcact
 501  gggcccggct ggccctggct cctcggagct gcggtcagcc ttctcggcgg ctcgcaccac cccgctggag ggcacgtcgg agatggcggt gaccttcgac
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 701  ccccgcacaa gagcctgtcg gtgatgctgg tgcgcaaccg cgacgaggtg caggcgctgg ctttcgacga gcagcgacgg ccaggcgcgc ggcgcgcggc
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 901  agcggctacc tggtgtacgc tgacgccgac gccgacgcgc ctgcgcgcgg acctgctgca cctgagccgc gctcagcctt ctccgctgct cgcactcgca
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1501  atcatggtca tagctgtttc ctgtgtgaaa ttgttatccg ctcacaattc cacacaacat acgagccgga agcataaagt gtaaagcctg gggtgcctaa
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1701  ggagaggcgg tttgcgtatt gggcgctctt ccgcttcctc gctcactgac tcgctgcgct cggtcgttcg gctgcggcga gcggtatcag ctcactcaaa
1801  ggcggtaata cggttatcca cagaatcagg ggataacgca ggaaagaaca tgtgagcaaa aggccagcaa aaggccagga accgtaaaaa ggccgcgttg
1901  ctggcgtttt tccataggct ccgccccccc gacgagcatc acaaaaatcg acgctcaagt cagaggtggc gaaacccgac aggactataa agataccagg
2001  cgtttccccc tggaagctcc ctcgtgcgct ctcctgttcc gaccctgccg cttaccggat acctgtccgc ctttctccct tcgggaagcg tggcgctttc
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2901  ccatccagtc tattaattgt tgccgggaag ctagagtaag tagttcgcca gttaatagtt tgcgcaacgt tgttgccatt gctacaggca tcgtggtgtc
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3601  tatttagaaa aataaacaaa taggggttcc gcgcacattt ccccgaaaag tgccacctga cgtctaagaa accattatta tcatgacatt aacctataaa
3701  aataggcgta tcacgaggcc ctttcgtc
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> RDC2137 Translated Insert Sequence

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 201  fdtelvnigg dfdaaagvfr crlpgayffs ftlgklprkt lsvklmknrd evqamiyddg asrrremqsq svmlplrrgd avwllshdhd gygaysnhgk
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