

Specifications:

Gene:	hCMTM4
Accession:	NP_848933.1
Insert size:	718bp
Concentration:	10µg at 0.2µg/µL

hCMTM4 cDNA Plasmid

**CMTM4 CKLF like MARVEL
transmembrane domain
containing 4 [*Homo sapiens*
(human)]**

Also known as: CKLFSF4

Summary:

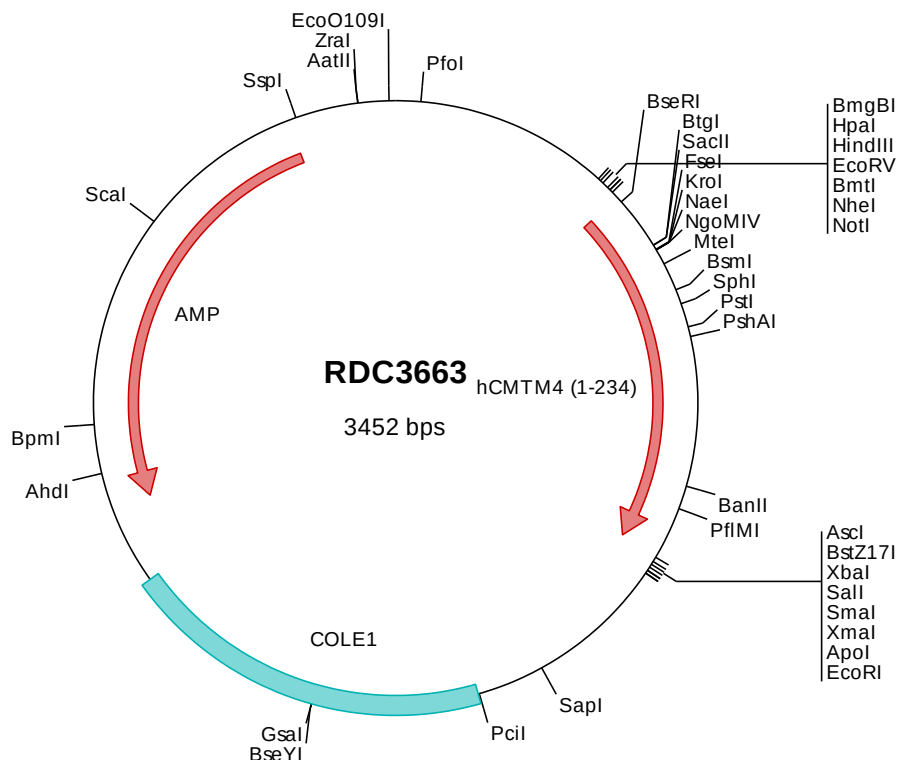
CMTM4 belongs to the chemokine-like factor gene superfamily, a novel family that is similar to the chemokine and the transmembrane 4 superfamilies of signaling molecules. CMTM4 is one of several chemokine-like factor genes located in a cluster on chromosome 16. Alternatively spliced transcript variants encoding different isoforms have been identified.

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.



> RDC3663 Plasmid DNA Sequence

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1   tcgcgcgcttt cggatgatgac ggtgaaaacc tctgacacat gcagctcccc gagacgggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
101  tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg ctttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201  ccgcacacgat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
301  tacgccagctt ggcgaaaggg ggaatgtctg caaggcgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
401  ggagacgtgt taacaagctt ggaaccgata tcgctagcgc ggccgcacc atgcggagcg gcgaggagct ggacggcttc gagggcgagg cctcgagcac
501  ctccatgata tcggggcgcca gcagcccgta ccagccaacc accgagccag tgagccagcg ccgcggactg gccggcctgc gctgcgcccc cgactacctg
601  cgcgggcgcg tcggcgcgct caaggtcgcc caagtgtat tgccctctg tgcatcctc tgcatagaga ccatcatggc atgctccccg tgtgaaggcc
701  tctacttttt tgagtttttg agctgcagtg cgtttgggt gactggcgct ttctgtatta tgttcagttc caacctgcac atgaggatcc cccagatcaa
801  ctggaatctg acagatttgg tcaaacctgg actcagcgct ttccttttct ttattgtctc aatcgtactg gctgctttaa accatagagc cgagcgagaa
901  attgtgcg tgatatttgg cttcttggcg actgcggcat atgcagtga cacattcctg gcagtgcaga aatggagagt cagcgtccgc cagcagagca
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1601 aggaaccgta aaaaggccgc gttgctggcg tttttccata ggctccgccc cctcgacgag atcgacgctc aagtcagagg tggcgaaacc
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2101 gaagccagtt accttcggaa aaagagttgg tagctcttga tccggcaaac aaaccaccgc tggtagcggt ggtttttttg tttgcaagca gcagattacg
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2301 tatcaaaaag gatcttcacc tagatccttt taaattaaaa atgaagtgtt aaatcaatct aaagtatata tgagtaaaact tggctgaca gttaccaatg
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2501 ccattctggc ccagtgctgc aatgataccg cgagaccac gctcaccgcg tccagattta tcagcaataa accagccagc cgaaggggcc aggttgcga acgttgttg
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3101 ctgttgagat ccagttcgat gtaacccact cgtgcacca actgatcttc agcatctttt actttcacca cgttttctgg gtgagcaaaa acaggaaggc
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3301 catgagcgga tacatatctt aatgtattta gaaaaataaa caaatagggg ttccgcgcac atttccccga aaagtgcac ctgacgtcta agaaaccatt
3401 attatcatga cattaaccta taaaaatagg cgtatcacga ggccctttcg tc

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> RDC3663 Translated Insert Sequence

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101  llimfslnlh mripqinwnl tdlvntglsl flffiasivl aalnhragae iaavifgfla taayavntfl avqkwrsvr qqstndyira rtesrdvdsr
201  peigrldtfs ystnvtvrkk sptnlslslh wqla

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