

Specifications:

Gene:	hCTRC
Accession:	NP_009203.2
Insert size:	820bp
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.

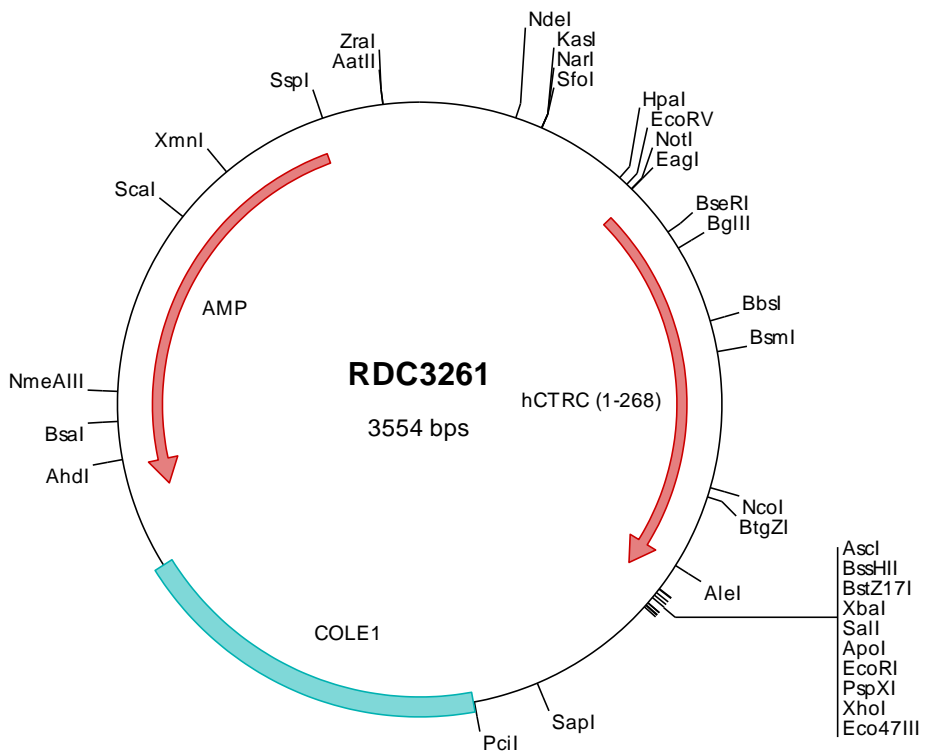
**hChymotrypsin C/
CTRC cDNA Plasmid**

CTRC chymotrypsin C [*Homo sapiens* (human)]

Also known as: CLCR; ELA4

Summary:

CTRC is a member of the peptidase S1 family. It is a serum calcium-decreasing factor that has chymotrypsin-like protease activity. Alternatively spliced transcripts encoding different proteins have been described.



> RDC3261 Plasmid DNA Sequence

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1 tcgctgctgtt cggatgatgac ggtgaaaaacc totgacacat gcagctcccc gagacgggtca cagcttgtct gtaagcggat gccggggagca gacaagcccg
101 tcaggggcgcg tcagcgggtg ttggcgggtg tcggggctgg cttaaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201 ccgcacacgat gcgtaaggag aaaataccgc atcaggcgcg attcgcatt caggctcgcg aactgttggg aagggcgatc ggtgcgggcc tcttcctat
301 tacgccagct ggcgaaaagg ggatgtgctg caagycgatt aagttgggta acgccagggt ttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
401 ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgccaacc atgttgggca tcactgtcct cgctgcctc ttggcctgtg cctccagctg
501 tggggtgccc agcttcccgc ccaacctatc cgcocgagtg gtggggaggag aggatgcccg gcccacacgc tggccctggc agatctccct ccagtacctc
601 aagaacgaca cgtggaggca tacgtgtggtc gggactttga ttgttagcaa ctctgtcctc actgcgcgcc actgcatcag caacaccogg acctaccgtg
701 tggccgtggg aaagaacaac ctggagggtg aagacgaaga aggatccctg tttgtgggtg tggacacat ccacgtccac aagagatgga atgccctct
801 gttgcgcaat gatattgccc tcatcaagct tgcagagcat gtggagctga gtgacacat ccaggtggcc tgcctgcccag agaaggactc cctgctcccc
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> RDC3261 Translated Insert Sequence

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1 mlgitvlaal lacasscgvp sfpnlsarv vggedarphs wpwqislqyl kndtwhctcg gtliasnfv1 taahcisntr tyrvavgknn levedeegs1
101 fvgvdtihvh krwnalllrn dialiklaeh velsdtiqva clpekdsllp kdypcyvtgw grlwtngpia dklqqglqpv vdhatsrid wwgfrvkktm
201 vcaggdgvis acngdsggpl ncqlengswe vfgivsfgrs rqcnrkkpv vytrvsayid winekmql

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