

Specifications:

Gene:	mGzmc
Accession:	NP_034501.2
Insert size:	760bp
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.

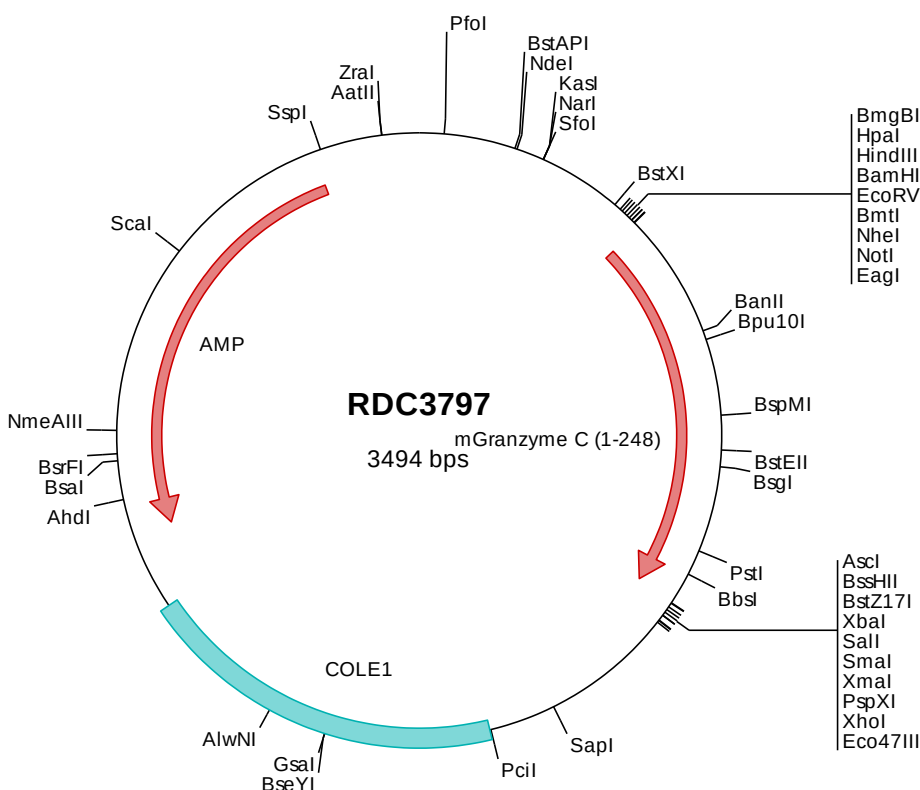
mGranzyme C cDNA Plasmid

Gzmc granzyme C [*Mus musculus* (house mouse)]

Also known as: B10; CCP2; Ctla5; Ctla-5

Summary:

Gzmc is a member of the peptidase S1 family of serine proteases. Gzmc is proteolytically processed to generate a mature protein product. This product, expressed by activated T cells, may induce apoptosis of target cells. Gzmc is present in a gene cluster with other members of the granzyme subfamily on chromosome 14.



> RDC3797 Plasmid DNA Sequence

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1   tcgcgcgctt cggatgatgac ggtgaaaacc tctgacacat gcagctcccc gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccc
101  tcaggggcgc tcagcgggtg ttggcgggtg tcggggctgg cttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201  ccgcacacgat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aaggcgcatc ggtgcgggcc tcttcgctat
301  tacgccagct ggcgaaaagg ggaatgtctg caaggcgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgatatt
401  ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgcacc atgccaccag tcctgattct cctgacccta cttctgcctc tcagagctgg
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601  ggaggcttcc tggttcgaga caaattcgtg ctaacagctg ctcactgcaa aggaagctca atgacagtca cactgggggc tcacaacatc aaggctaagg
701  aggagacaca gcagatcatc cctgtggcaa aagccattcc ccatccagac tataactcgt atgaccgttc taatgacatc atgctattaa agctggtgag
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2301 agtggaaacg aaactcacgt taagggattt tggtcatgag attatcaaaa aggatcttca cctagatcct tttaaattaa aaatgaagtt ttaaatcaat
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> RDC3797 Translated Insert Sequence

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101  ynpddrsndi mllklvrnak rtravrplnl prrnahvkpg decyvagwgk vtpdgefpgk lhevkltvqk dqvcseqfqs synraneicv gdsikikgasf
201  eedsggplvc kraaagivsy gqtdgsapqv ftrvlsvfsw iktktmkhs

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