

Specifications:

Gene:	mCd83
Accession:	NP_033986
Insert size:	604bp
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.

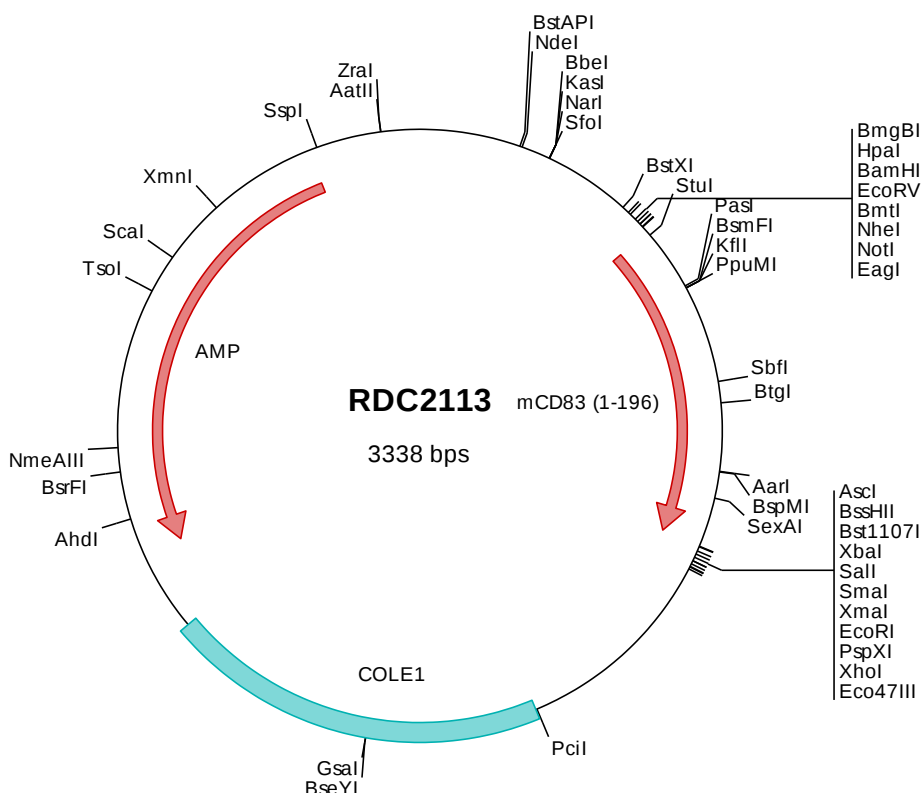
mCD83 cDNA Plasmid

Cd83 CD83 antigen [*Mus musculus* (house mouse)]

Also known as:

Summary:

CD83 is a member of the Siglec (or sialic acid binding immunoglobulin like lectin) family of transmembrane proteins. Except for dendritic cells, CD83 expression is often transient. CD83 binds to sialic acids on target cells. Membrane CD83 appears to promote T cell proliferation, particularly of CD8⁺ cytotoxic T cells. Soluble CD83, however, appears to be immunosuppressive and blocks T cell activation. On monocytes, CD83 is suggested to drive monocytes into a fibrocyte phenotype.



> RDC2113 Plasmid DNA Sequence

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1   tcgcgcgcttt cggatgatgac ggtgaaaacc tctgacacat gcagctcccc gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccc
101  tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg ctttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201  ccgcacacgat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
301  tacgccagct ggcgaaaagg ggatgtgctg caaggcgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
401  ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgcaccc atgtcgcaag gcctccagct cctgtttcta ggtgcgccct gcagcctggc
501  accgcgcatg gcgatcgagg aggtgacgggt ggttggctcc gagaccgcgc acttgccctg cacagcgccc tgggaccgcc agctctccta tgcagtgtcc
601  tggggccaagg tctccgagag tggcaactgag agtgtggagc tcccgagag caagcaaaac agctccttcg agggcccccag gagaaggggc tattccctga
701  cgatccaaaa cactaccatc tgcagctcgg gcacctacag gtgtgccctg caggagctcg gagggcagcg caacttgagc ggcaaccgtg tcttgaaagt
801  gacaggatgc cccaaggaag ctacagagtc aactttcagg aagtacaggg cagaagctgt gttgtctctc tctctggttg tttctacact gacactcact
901  attttcacct gcaaatattgc acgactacaa agcattttcc cagatatttc taaacctggt acggaacaag cttttcttcc agtcacctcc ccaagcaaac
1001 atttggggcc agtgaccctt cctaagacag aaacgggtata aaggcgcgcc
1101 gcttggcgta atcatggtca tagctgtttc ctgtgtgaaa ttgttatccg ctcacaattc cagacaacat acgagccgga agcataaagt gtaaacgctg
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3201 tatttgaatg tatttagaaa aataaacaata taggggttcc gcgcacattt ccccgaaaag tgccacctga cgtctaagaa accattatta tcatgacatt
3301 aacctataaa aataggcgta tcacgaggcc ctttcgtc

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> RDC2113 Translated Insert Sequence

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101  qelggqrnlsl gtvvkvktgc pkeatestftr kyraeavllf slvvfytlti iftckfarlq sifpdiskpg teqafilpvtv pskhlgpvtl pktetv

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