*m*CD97 VersaClone cDNA

Catalog Number: RDC0914

Specifications:

Gene:	*m*Cd97
Accession:	NP_001156501
Insert size:	2187bp
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

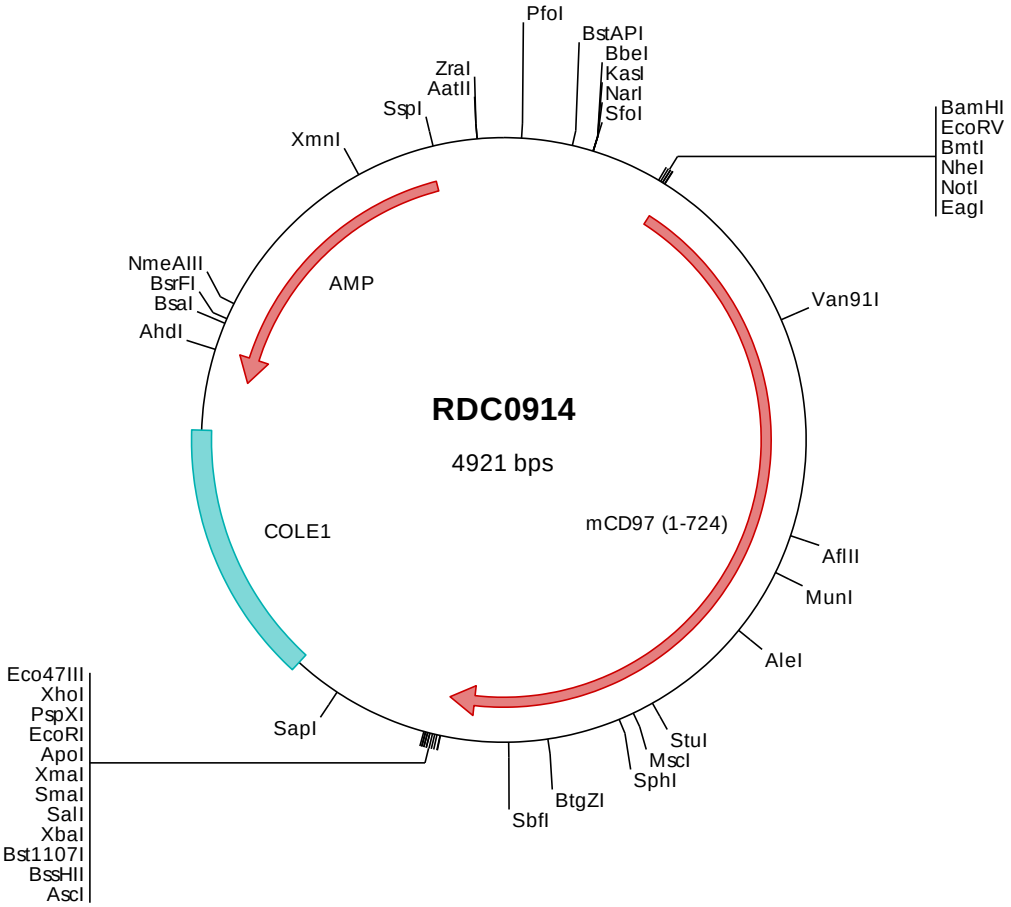
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*m*CD97 cDNA Plasmid

Cd97 CD97 antigen [*Mus musculus* (house mouse)]

Also known as: TM7LN1

Summary:
CD97 is a member of the EGF-TM7 subfamily of adhesion G protein-coupled receptors, which mediate cell-cell interactions. CD97 may play a role in cell adhesion as well as leukocyte recruitment, activation, and migration. It contains multiple extracellular EGF-like repeats which mediate binding to chondroitin sulfate and the cell surface complement regulatory protein CD55. Alternatively spliced transcripts encoding different proteins have been described.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC0914 Plasmid DNA Sequence

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 201  ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
 301  tacgccagct ggcgaaaggg ggatgtgctg caaggcgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
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 501  tctctcagga gctggaaccc agaaggcaga gagtaagaac tgtgccaagt ggtgccctat caactcaaaa tgtgtcagta acagaagctg tgtctgcaag
 601  cccggcttca gctcggagaa ggaattgatc actaaccctg cagagagctg tgaagacatc aacgagtgtt tactacctgg attttcctgt ggagactttg
 701  ccatgtgtaa gaactcagag gggagttaca cctgcgtctg taacctggga tataagctcc tttctggtgc agaatctttt gttaacgaga gtgagaatac
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 901  ggttggaagc caacttctgg gtccctccgt ggtccagaca ccatatgcca agagccaccg ttccctactt ggacactgct gcccacagcc cacagtcaga
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1101  gctgctggaa gaccccatgg agactgaaac ccaacaagta gctgcccagt tgctctcgaa cctggaacaa agccttcgga ccttggctca gtttttaccc
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1401  gctgggcaac accccgctga acttggagca gagaagggcc tccttggagg acttctatgg aagcccgatt ccgagtgtct cacttaagct tctctcaaat
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1601  atgagctgat atgtgccttc tggaaagccc acaacgggaa tgggtactgg gacaccgacg gctgctcaat gaatggcact ggcttctgcc actgcaacca
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1801  ctgctgtgca tcctgacctt cctgctggtg aagcccatcc agagctctcg aaccatggtg cacctgcacc tgtgcatctg cctcttcctg ggctcaatca
1901  tattcctggt cggcgtggag aatgaagggg gtgaggtggg cctgcgctgc cgcctggtgg ccgtgatgct gcatttctgc ttcctggccg ccttctgctg
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2101  cccctcctca tcgtggccat ctcaatggca gttgtcaaaa tggatggcta tgggcatgca acatactgct ggctggactt taggaagcag ggctttctct
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2701  tcatagctgt ttcctgtgtg aaattgttat ccgctcacaa ttccacacaa catacgagcc ggaagcataa agtgtaaagc ctggggtgcc taatgagtga
2801  gctaactcac attaattgcg ttgcgctcac tgcccgcttt ccagtcggga aacctgtcgt gccagctgca ttaatgaatc ggccaacgcg cggggagagg
2901  cggtttgcgt attgggcgct cttccgcttc ctcgctcact gactcgctgc gctcggtcgt tcggctgcgg cgagcggtat cagctcactc aaaggcggta
3001  atacggttat ccacagaatc aggggataac gcaggaaaga acatgtgagc aaaaggccag caaaaggcca ggaaccgtaa aaaggccgcg ttgctggcgt
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> RDC0914 Translated Insert Sequence

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601  fvitvwkltk kfseinpnmk klrkarvlti tsiaqllvlg ctwgfglflf nphstwlsyi ftllnclqgl flyvmlclln kkvreeywkw acmvtgskyt
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