

Specifications:

Gene:	cynoCD96
Accession:	XP_005548247.1
Insert size:	1723bp
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

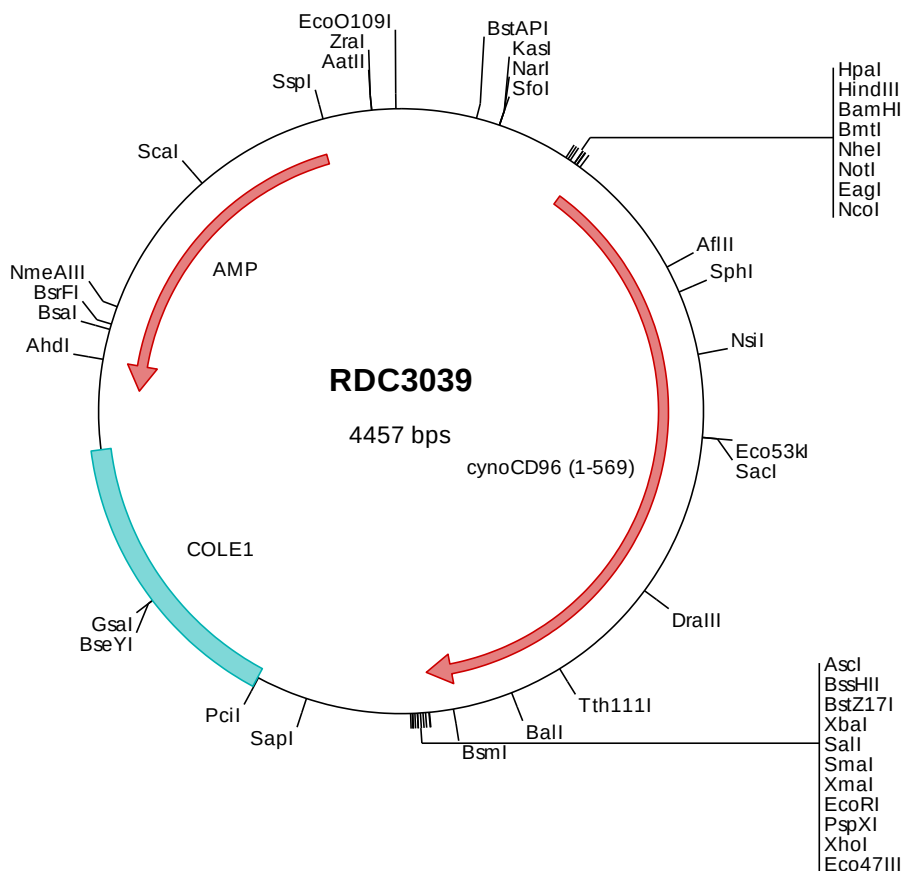
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

cynoCD96 cDNA Plasmid

CD96 CD96 molecule [*Macaca fascicularis* (crab-eating macaque)]

Summary:

CD96 is a type I membrane protein that belongs to the immunoglobulin superfamily. It is expressed on CD4⁺ and CD8⁺ T cells, NK and NKT cells, resting monocytes and gamma δ T cells. It may play a role in the adhesive interactions of activated T and NK cells during the late phase of the immune response. It may also function in antigen presentation.



> RDC3039 Plasmid DNA Sequence

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1  tcgcgcgctt cggatgatgac ggtgaaaacc tctgacacat gcagctcccc gagacgggtc cagcttgtct gtaagcggat gccgggagca gacaagcccg
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201  ccgcacacgat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
301  tacgcccagct ggcgaaaagg ggaatgtgtg caaggcgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
401  ggagacgtgt taacaagctt ggaatccgata tcgctagcgc ggcgccacc atggagaaaa aatggaaata ctgtgtgtgc tattacatca tcagataca
501  ttctgtcaag ggagtttggg gaaaaccatt caacacagaa gaaaacattt atgtacact tggtctgtat gtcaacctga cctgccaaac acaggcgaaa
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701  ctgtgtgctc actggtgacc ttcacacaaa ctcctgagaa tggtctcaaa tggaactgtc acttaaggaa tatgtctctt tccgtcagtg gaaggtaaga
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901  atagaaatag agataaatca gactctggaa ataccatgct ttcaaaaatg ctcctcagaa atttcactcg agttcaccta tgcatggttg gtggaggata
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> RDC3039 Translated Insert Sequence

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201  tllkdrvkvg idyrlhlspv qifddgrkfs chirvgpdki lrssttikvf akpeipmive nstdvlver tftcllnvfk pkaniwfid gsflhdekeg
301  iyitneerkg kdgfleklsk ltrvhsdkpa qsdnltiwcw alspvpvgnkv wnisssekitf llgsemsttd lppsvtestl dtqpspassv sptrypatss
401  vtladvsalr pnttpqssss svttqdfnyp wtssgdakkk sfsqipsety ssspsgagst lhdnvtfstt ralsevptta ngstkthnhv itgivvskpk
501  dgmsswpviva allfccmlif glgrwkcqy qkeimerppp fkpppppiky tciqepnesd ppyhemetl

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