

Specifications:

Gene:	cynoCD8A
Accession:	unique
Insert size:	721bp
Concentration:	10µg at 0.2µg/µL

cyno CD8 Alpha cDNA Plasmid

CD8A CD8a molecule [*Macaca fascicularis* (crab-eating macaque)]

Summary:

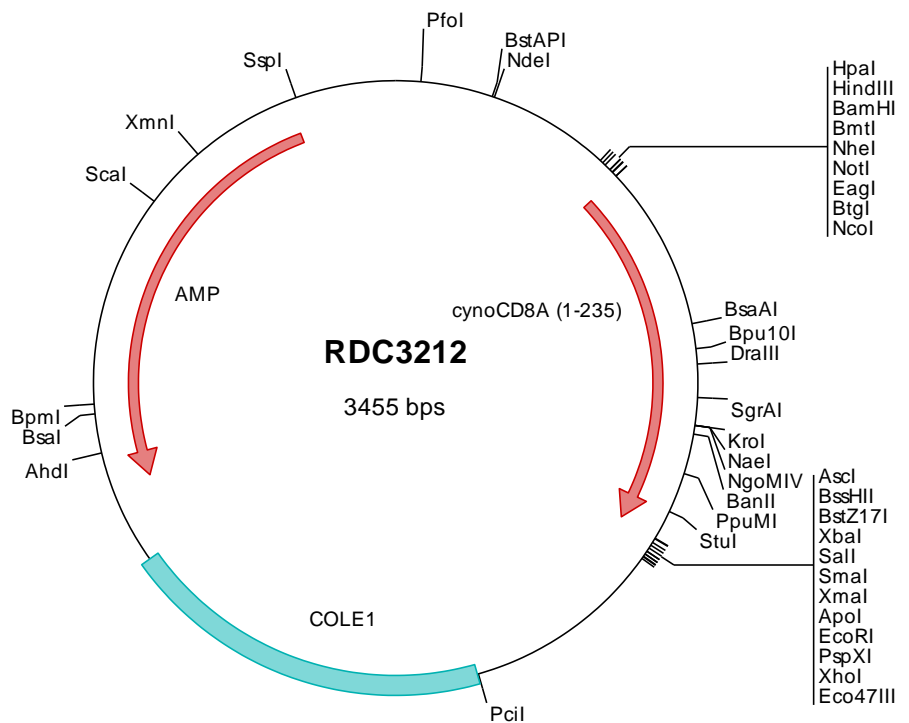
CD8 is a heterodimeric glycoprotein consisting of an alpha and beta chain. CD8A is the CD8 alpha chain. It is expressed on cytolytic T cells and functions in conjunction with the T cell receptor in the recognition of MHC/peptide complexes.

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.



> RDC3212 Plasmid DNA Sequence

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1 tcgctgctgtt cggatgatgac ggtgaaaacc totgacacat gcagctcccc gagacgggtca cagcttgtct gtaagcggat gccgggagca gacaagcccc
101 tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg ctttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gttgaaata
201 ccgcacacgat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctcgcg aactgttggg aagggcgatc ggtcgggcc tcttcctat
301 tacgccagct ggcgaaaagg ggaatgtgctg caaggcgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
401 ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgccacc atggccccc ccgtagccgc cttgtctctg ccgctggctc tgtgtctcca
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> RDC3212 Translated Insert Sequence

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1 mappvtalll plvlllhaar pnqfrvsplg rtwnlgetve lkcqvllsnp tsgcswlfqp rgtaarptfl lylsqnkpk aegldtqrfs gkrlgdtfvl
101 tlrdfrqene gyyfcsalsn simyfshfvp vflpakpttt paprpptpap ttasqplslr peacrpaag svntrgldfa cdiyiwapla gacgvlllsl
201 vitlycnhrn rrvckcprp vvksggkpsl sdryv

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