

Specifications:

Gene:	cynoCD58
Accession:	XP_005542263
Insert size:	766bp
Concentration:	10µg at 0.2µg/µL

cynoCD58/LFA-3 cDNA Plasmid

CD58 CD58 molecule [*Macaca fascicularis* (crab-eating macaque)]

Summary:

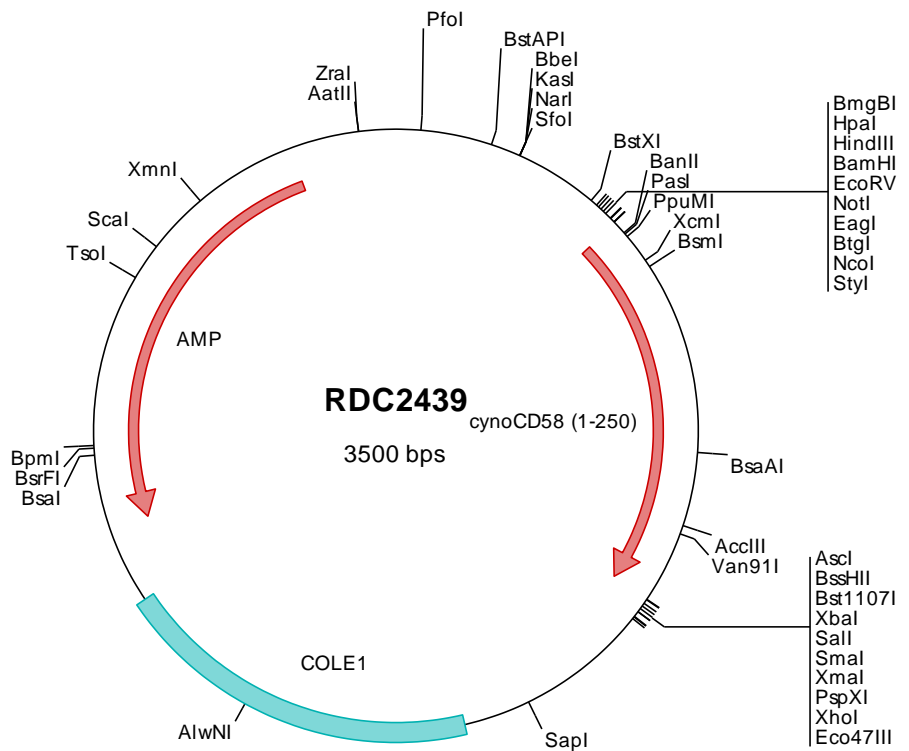
CD58 is a member of the CD2 family of the immunoglobulin superfamily. CD58 is widely expressed on hematopoietic and non-hematopoietic human tissue and has been found on leukocytes, erythrocytes, endothelial cells, epithelial cells and fibroblasts of human origin. CD58 has only one known ligand, CD2. CD2 ligation by CD58 has been shown to mediate T cell adhesion, T cell activation, T cell cytokine production, and T cell and NK cells cytotoxic activity.

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.



> RDC2439 Plasmid DNA Sequence

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1 tcgcgcgcttt cggatgatgac ggtgaaaaacc totgacacat gcagctcccc gagacgggtca cagcttgtct gtaagcggat gccggggagca gacaagcccg
101 tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg ctttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201 ccgcacacgat gcgtaagggag aaaataccgc atcaggcgcc attgccatt caggctcgcg aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
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> RDC2439 Translated Insert Sequence

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1 mvagsdagra lgvlgvfc11 rcfgfiscis qqtygilhkn vtfhvpsnip lteilwkkqk dkvaerense frafssfknr vyltdvsgsl tiynltlsde
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