

Specifications:

Gene:	cynoCD6
Accession:	XP_005577746.1
Insert size:	2020bp
Concentration:	10µg at 0.2µg/µL

**cynoCD6 cDNA
Plasmid**

CD6 CD6 molecule [*Macaca fascicularis* (crab-eating macaque)]

Summary:

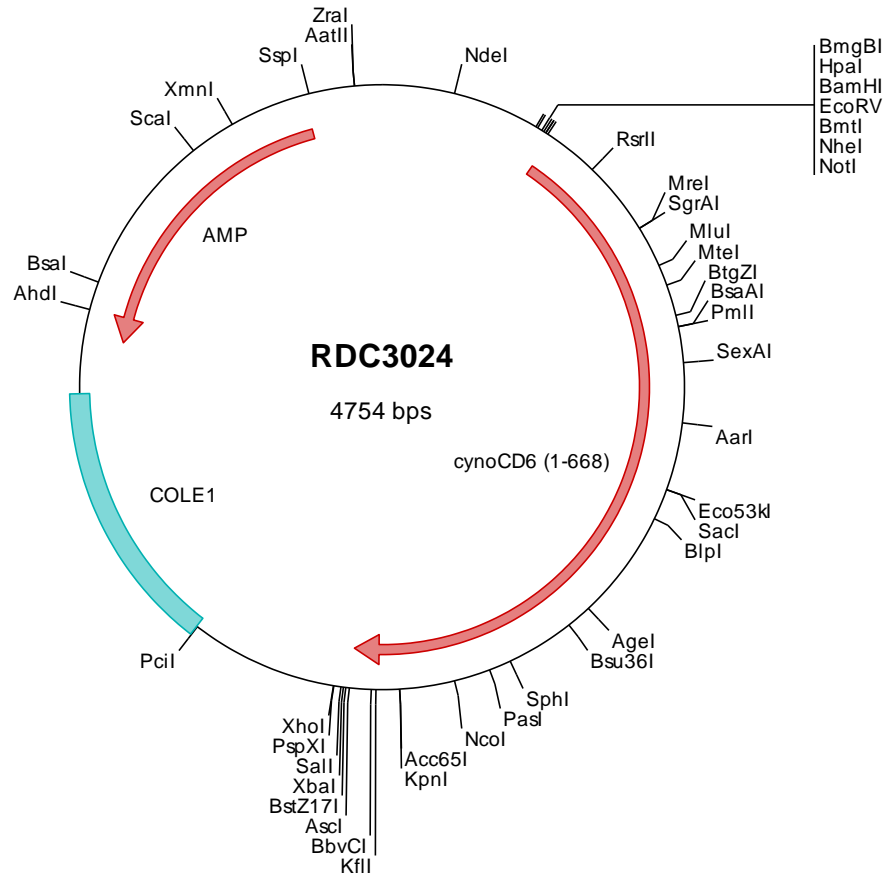
CD6 is a member of the group B scavenger receptor cysteine-rich (SRCR) superfamily. It is a type I membrane glycoprotein and contains three extracellular SRCR domains. CD6 is expressed at low levels on immature thymocytes and at high levels on mature thymocytes. The majority of peripheral blood T cells, a subset of B cells, and a subset of neuronal cells express CD6. It is important for continuation of T cell activation. CD6 may be associated with susceptibility to multiple sclerosis.

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.



> RDC3024 Plasmid DNA Sequence

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1 tcgcgcgctt cggatgatgac ggtgaaaacc totgacacat gcagctcccg gagacgggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
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> RDC3024 Translated Insert Sequence

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