

Specifications:

Gene:	cynoSPN
Accession:	EHH60309.1
Insert size:	1285bp
Concentration:	10µg at 0.2µg/µL

cynoCD43 cDNA Plasmid

SPN sialophorin [*Macaca fascicularis* (crab-eating macaque)]

Summary:

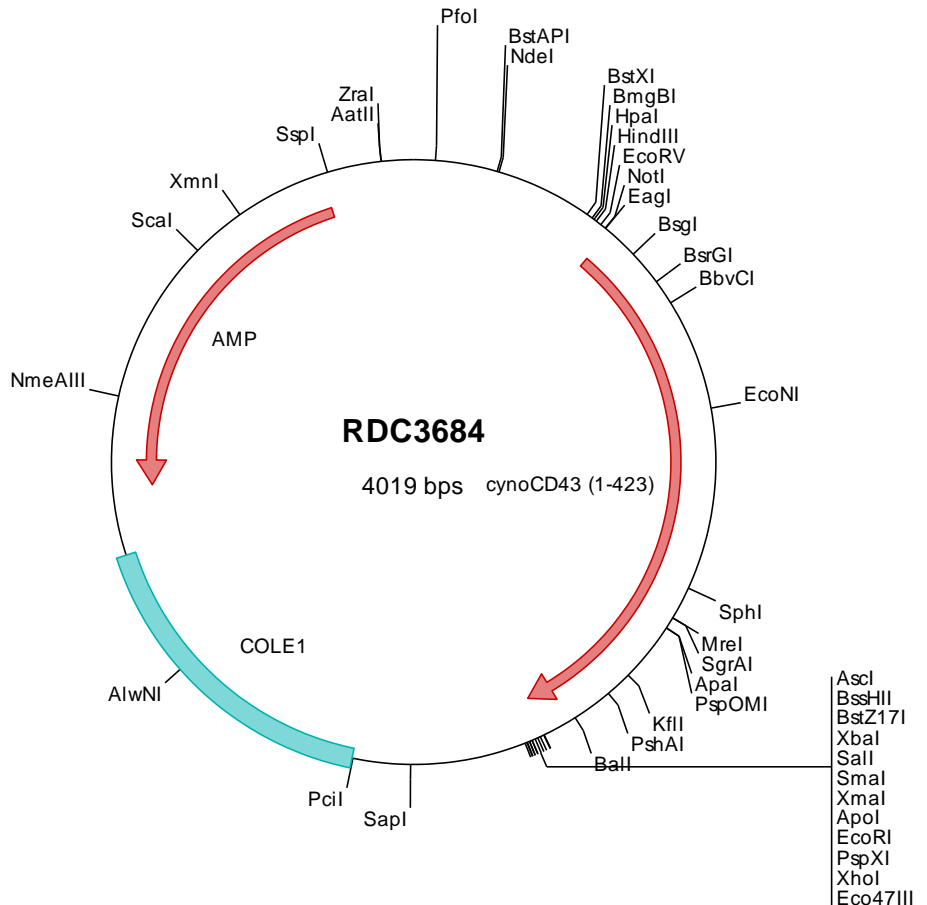
CD43 is a major type I transmembrane sialylated mucin that is expressed on the surface of thymocytes, T lymphocytes, monocytes, granulocytes, and some B lymphocytes. CD43 restricts leukocyte adhesion and modulates T-cell activation. During T-cell activation, it is actively removed from the T-cell antigen-presenting cell contact site, suggesting a negative regulatory role in adaptive immune response.

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.



> RDC3684 Plasmid DNA Sequence

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1 tcgctgctgtt cggatgatgac ggtgaaaacc totgacacat gcagctcccc gagacgggtca cagcttgtct gtaagcggat gccggggagca gacaagcccc
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> RDC3684 Translated Insert Sequence

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