

Specifications:

Gene:	<i>cynoCD22</i>
Accession:	EHH59463
Insert size:	2557bp
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

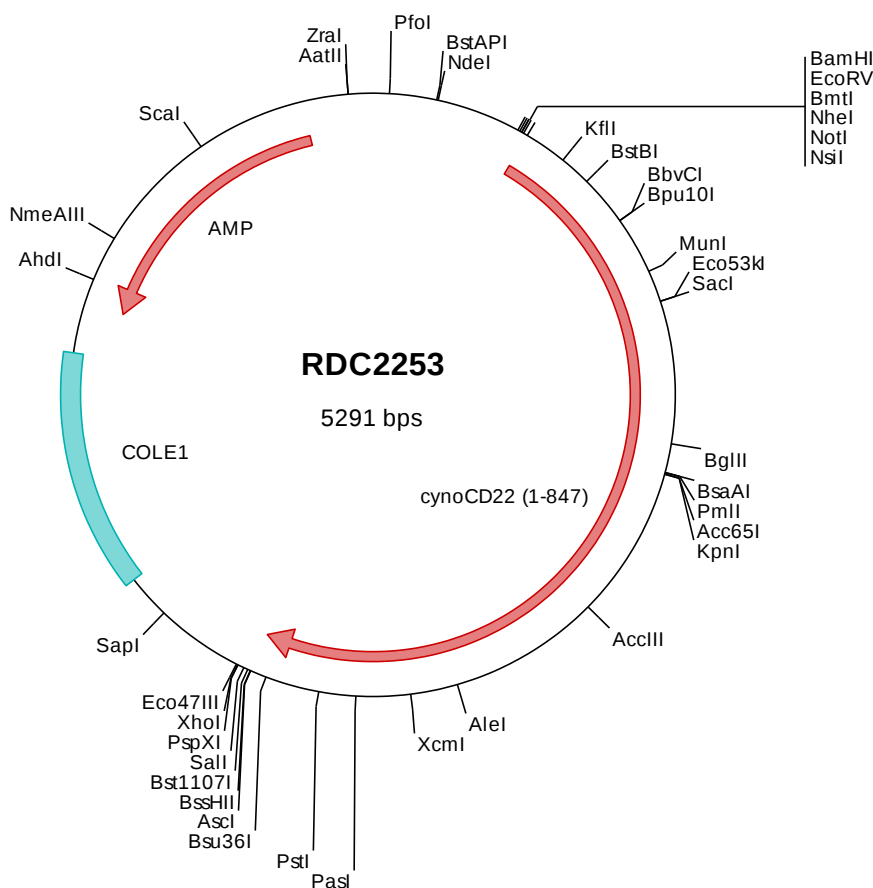
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

cynoSiglec-2/CD22 cDNA Plasmid

CD22 CD22 molecule [*Macaca fascicularis* (crab-eating macaque)]

Summary:

Siglec-2 is a member of the sialic acid-binding immunoglobulin-like lectin (Siglec) family. It is expressed in the cytoplasm of progenitor B and pre-B cells and on the surface of mature B cells. Siglec-2 is an adhesion molecule that preferentially binds alpha 2,6- linked sialic acid on the same (cis) or adjacent (trans) cells. Interaction of Siglec-2 with trans ligands on opposing cells was found to be favored over the binding of ligands in cis.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC2253 Plasmid DNA Sequence

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> RDC2253 Translated Insert Sequence

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