

Specifications:

Gene:	cynoITGA2B
Accession:	unique
Insert size:	3133bp
Concentration:	10µg at 0.2µg/µL

**cynoITGA2B/CD41
cDNA Plasmid**

**ITGA2B integrin subunit alpha
2b [*Macaca fascicularis* (crab-
eating macaque)]**

Summary:

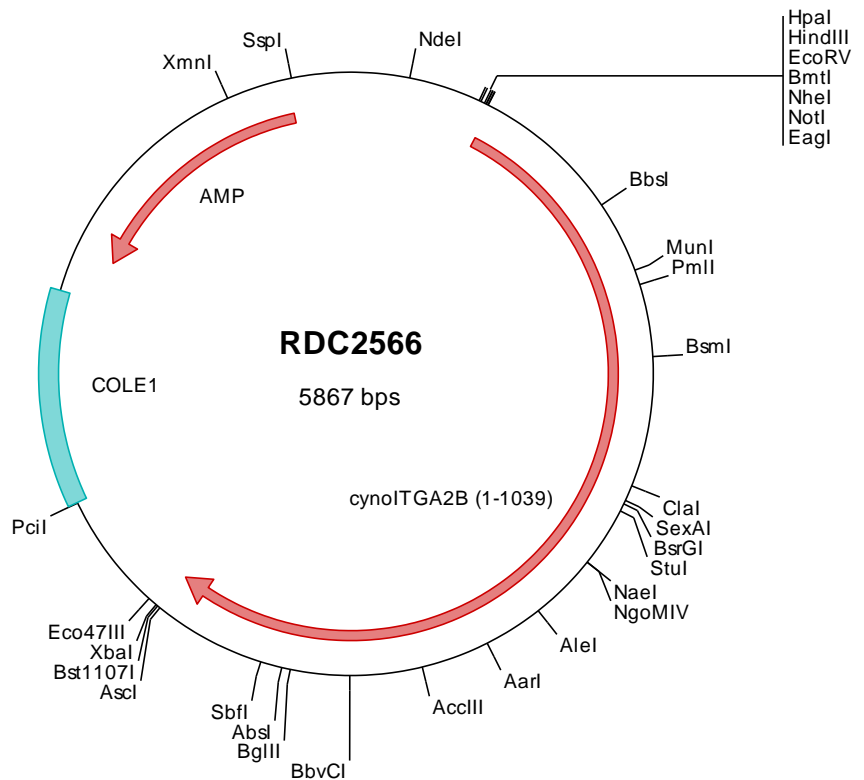
Integrins are heterodimeric integral cell-surface proteins composed of an alpha and a beta chain known to participate in cell adhesion as well as cell-surface mediated signaling. ITGA2B undergoes post-translational cleavage to yield disulfide-linked light and heavy chains that join with beta-3 to form a fibronectin receptor expressed in platelets that play a crucial role in coagulation. Mutations that interfere with this role may result in Glanzmann thrombasthenia.

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.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC2566 Plasmid DNA Sequence

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> RDC2566 Translated Insert Sequence

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