

Specifications:

| | |
|----------------|------------------|
| Gene: | cynoITGB2 |
| Accession: | XP_005548577 |
| Insert size: | 2323bp |
| Concentration: | 10µg at 0.2µg/µL |

cynoITGB2/CD18 cDNA Plasmid

ITGB2 integrin subunit beta 2
[*Macaca fascicularis* (crab-eating macaque)]

Summary:

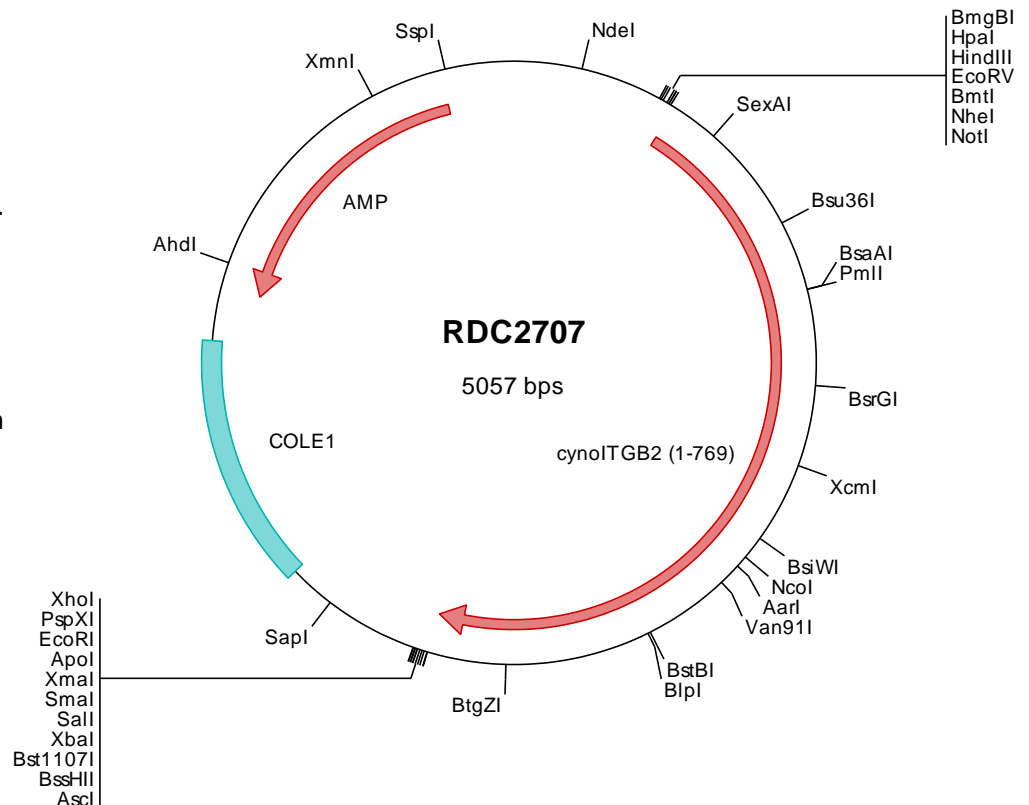
Integrins are integral cell-surface proteins composed of an alpha chain and a beta chain. They are known to participate in cell adhesion as well as cell-surface mediated signaling. ITGB2 belongs to the integrin beta chain family of proteins. It combines with the alpha L chain to form the integrin LFA-1 and combines with the alpha M chain to form the integrin Mac-1. Defects in ITGB2 are the cause of leukocyte adhesion deficiency type I (LAD1).

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

> RDC2707 Plasmid DNA Sequence

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1 tcgcgcgcttt cgggtgatgac ggtgaaaacc totgacacat gcagctcccg gagacgggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
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> RDC2707 Translated Insert Sequence

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