

**Specifications:**

Gene:	<i>mltgb2</i>
Accession:	NP_032430
Insert size:	2325bp
Concentration:	10µg at 0.2µg/µL

**mIntegrin β2 cDNA  
Plasmid**

**Itgb2 integrin beta 2 [ *Mus musculus* (house mouse) ]**

**Also known as:** 2E6; LAD; Cd18; Lfa1; MF17; LCAMB; AI528527

**Summary:**

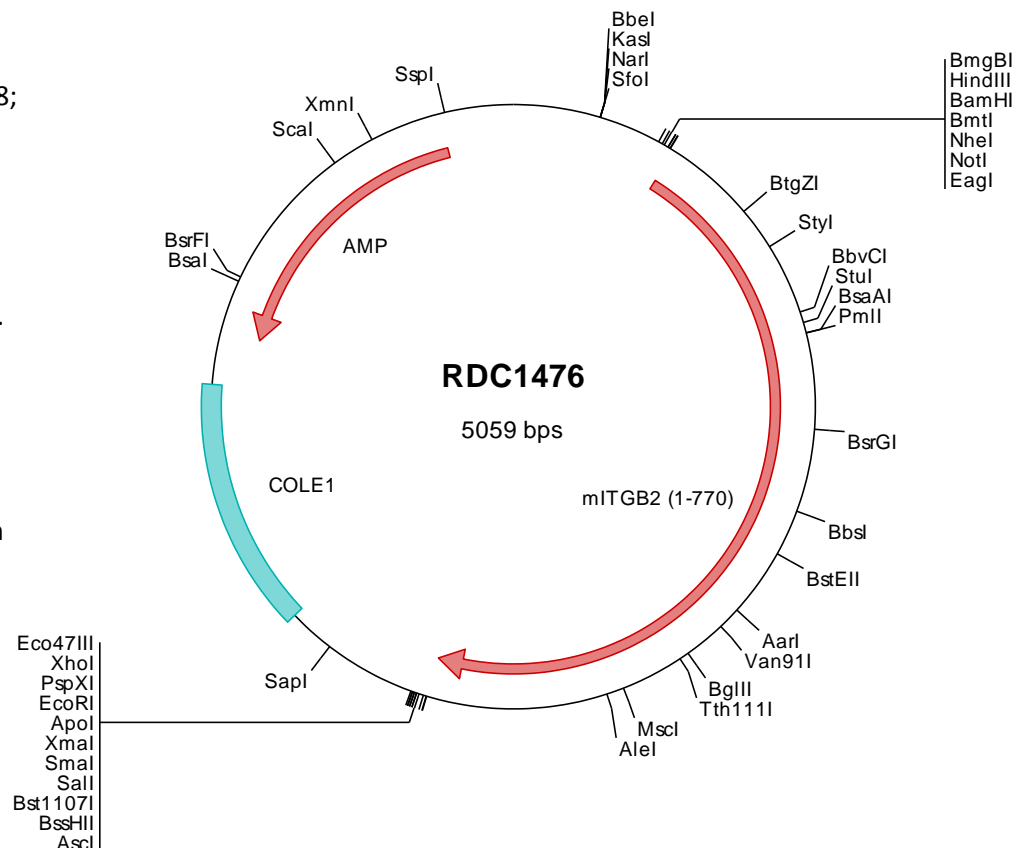
Integrins are integral cell-surface proteins composed of an alpha chain and a beta chain. They are known to participate in cell adhesion as well as cell-surface mediated signalling. ITGB2 belongs to the integrin beta chain family of proteins. It combines with the alpha L chain to form the integrin LFA-1, 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

> RDC1476 Plasmid DNA Sequence

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> RDC1476 Translated Insert Sequence

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