

Specifications:

Gene:	<i>mltgb3</i>
Accession:	NP_058060
Insert size:	2376bp
Concentration:	10 μ g at 0.2 μ g/ μ L

mIntegrin β 3 cDNA Plasmid

Itgb3 integrin beta 3 [*Mus musculus* (house mouse)]

Also known as: CD61; GP3A; INGRB3

Summary:

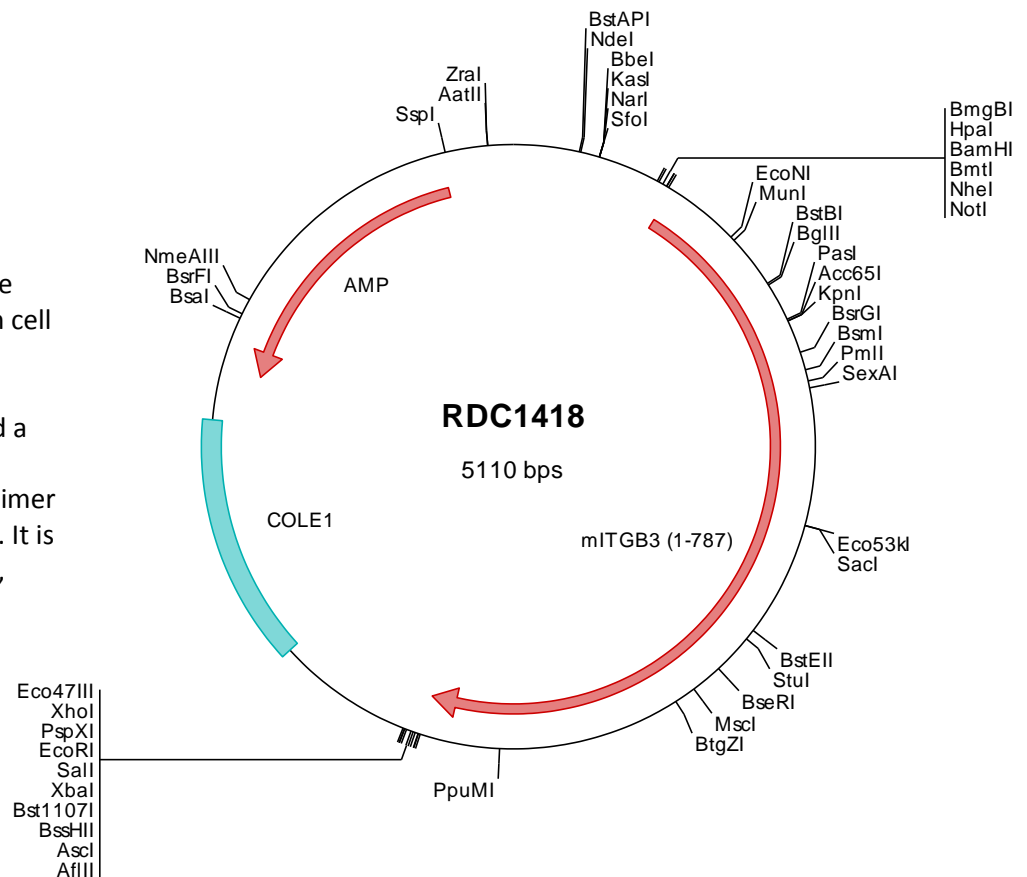
Integrins are integral cell-surface proteins known to participate in cell adhesion as well as cell-surface mediated signaling. They are composed of an alpha chain and a beta chain. ITGB3 is the integrin beta chain that forms a heterodimer with alpha-IIb or alpha-V chains. It is involved in platelet aggregation, which can repair damaged endothelial cells, such as those found 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

> RDC1418 Plasmid DNA Sequence

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> RDC1418 Translated Insert Sequence

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