

Specifications:

Gene:	<i>h</i> ITGA6
Accession:	NP_001073286
Insert size:	3289bp
Concentration:	10 μ g at 0.2 μ g/ μ L

*h*Integrin $\alpha 6$ cDNA Plasmid

ITGA6 integrin, alpha 6 [*Homo sapiens* (human)]

Also known as: CD49f; VLA-6;
ITGA6B

Summary:

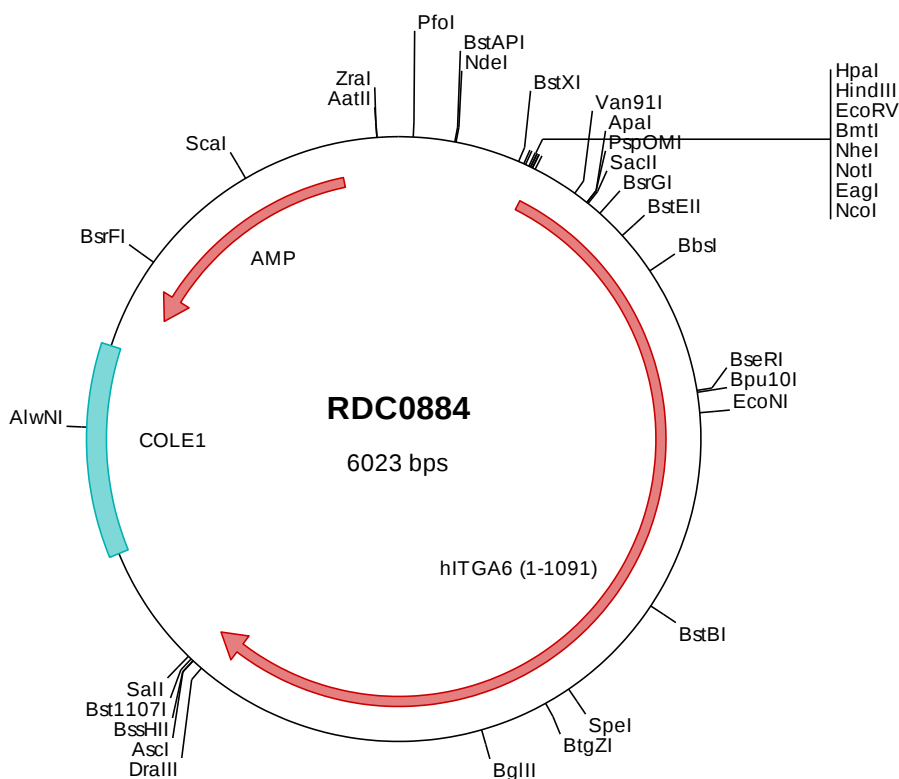
Integrins are heterodimeric proteins known to participate in cell adhesion as well as cell-surface mediated signaling. ITGA6 is composed of a heavy and a light chain linked by a disulfide bond that join with either beta 1 or beta 4. Integrin $\alpha 6\beta 4$ is a receptor for laminin and is a structural component of hemidesmosomes in stratified epithelia. Alternatively spliced transcripts encoding different proteins have been described.

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.



> RDC0884 Plasmid DNA Sequence

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> RDC0884 Translated Insert Sequence

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