

Specifications:

Gene:	hITGB4
Accession:	NP_000204
Insert size:	5482bp
Concentration:	10 μ g at 0.2 μ g/ μ L

hIntegrin β 4/CD104 cDNA Plasmid

ITGB4 integrin, beta 4
[*Homo sapiens* (human)]

Also known as: CD104

Summary:

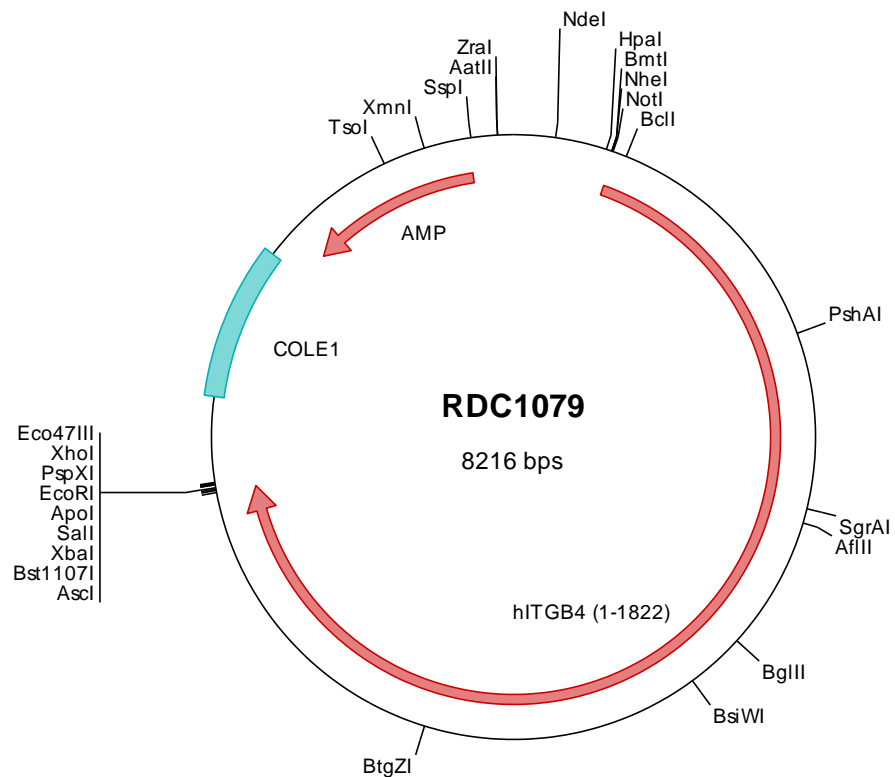
Integrins are integral cell-surface proteins known to participate in cell adhesion as well as cell-surface mediated signaling. ITGB4 forms noncovalent heterodimers with Integrin alpha 6 and participates in the formation of epithelial hemidesmosomes. Mutations in ITGB4 are associated with epidermolysis bullosa with pyloric atresia. 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.





> RDC1079 Plasmid DNA Sequence

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> RDC1079 Translated Insert Sequence

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