

Specifications:

Gene:	<i>h</i> ITGAE
Accession:	NP_002199
Insert size:	3553bp
Concentration:	10 μ g at 0.2 μ g/ μ L

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.

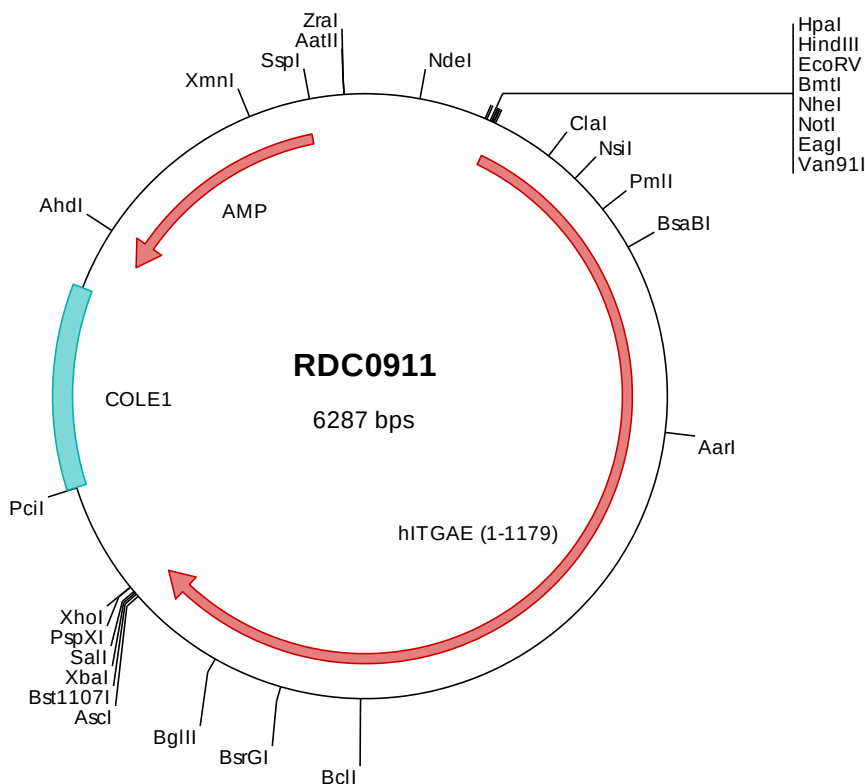
*h*Integrin α E/CD103 cDNA Plasmid

ITGAE integrin, alpha E (antigen CD103, human mucosal lymphocyte antigen 1; alpha polypeptide) [*Homo sapiens* (human)]

Also known as: CD103; HUMINAE

Summary:

Integrins are heterodimeric proteins known to participate in cell adhesion as well as cell-surface mediated signaling. ITGAE undergoes post-translational cleavage in the extracellular domain to yield disulfide-linked heavy and light chains that join with beta 7 to form a receptor for E-cadherin. Integrin alpha E is expressed in intra-epithelial lymphocytes and is believed to play a key role in retention of lymphocytes in mucosal tissues of gut, urogenital tract and lung.





> RDC0911 Plasmid DNA Sequence

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> RDC0911 Translated Insert Sequence

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