

Specifications:

Gene:	<i>h</i> ITGAX
Accession:	NP_000878
Insert size:	3505bp
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.

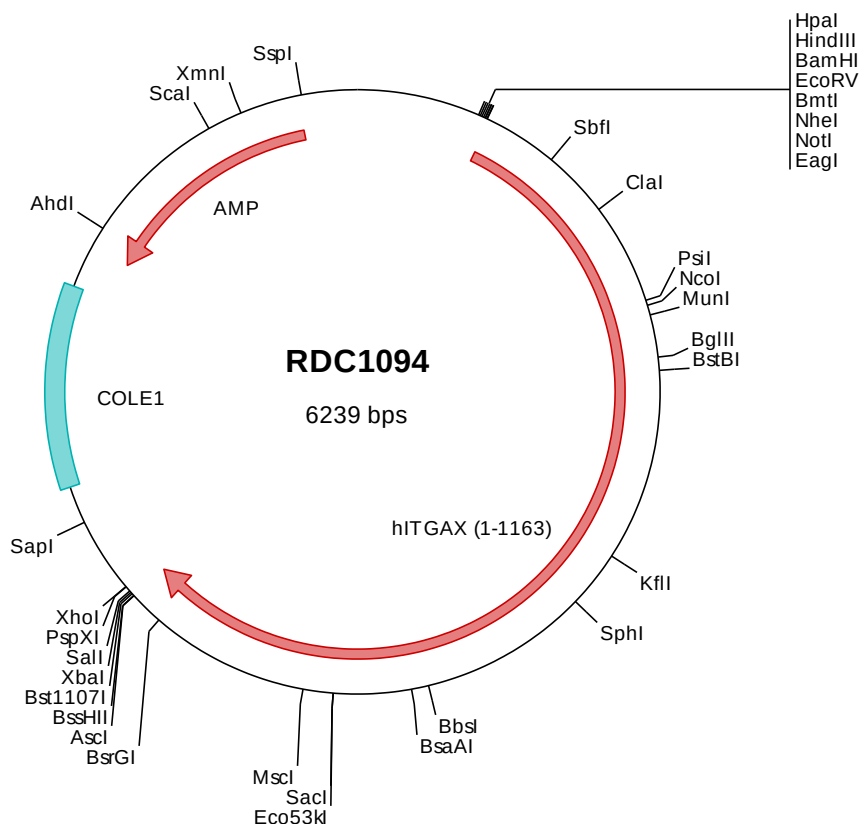
*h*CD11c/Integrin α X cDNA Plasmid

ITGAX integrin, alpha X
(complement component 3
receptor 4 subunit) [*Homo sapiens* (human)]

Also known as: CD11c; SLEB6

Summary:

Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. ITGAX, also known as CD11c, is a transmembrane glycoprotein that heterodimerizes with Integrin β 2, also known as CD18. The CD11c/CD18 complex, also called CR4 (complement receptor type 4), is expressed on macrophages, dendritic cells, and hairy cell leukemias. It binds fibrinogen and has been reported to be a receptor for complement component iC3b. Alternatively spliced transcripts encoding different proteins have been described.





> RDC1094 Plasmid DNA Sequence

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> RDC1094 Translated Insert Sequence

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