

Specifications:

Gene:	cynoLIFR
Accession:	XP_005556818.1
Insert size:	3307bp
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

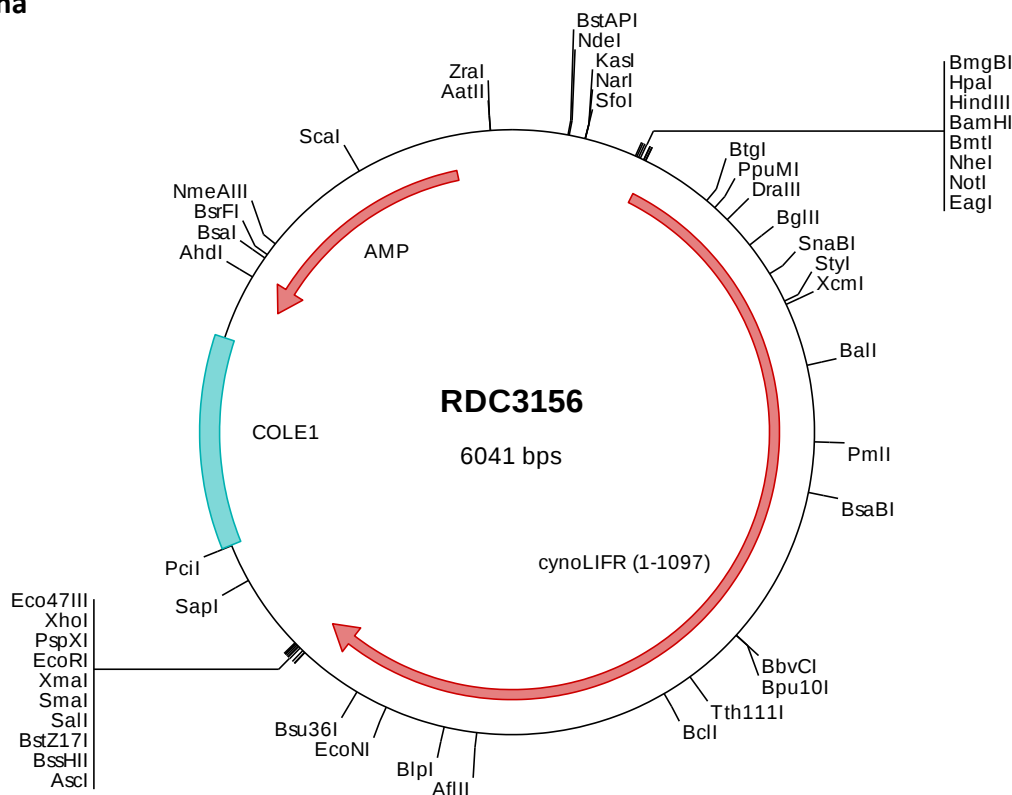
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

cynoLIFR α cDNA Plasmid

LIFR LIF receptor subunit alpha
[*Macaca fascicularis* (crab-eating macaque)]

Summary:

LIFR belongs to the type I cytokine receptor family. It combines with a high-affinity converter subunit, gp130, to form a receptor complex that mediates the action of the leukemia inhibitory factor, a polyfunctional cytokine that is involved in cellular differentiation, proliferation and survival in the adult and the embryo. Mutations in LIFR cause Schwartz-Jampel syndrome type 2, a disease belonging to the group of the bent-bone dysplasias.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC3156 Plasmid DNA Sequence

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> RDC3156 Translated Insert Sequence

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201  hhwsasdmpp lecaihfvei rcyidslhfs grkewsdwsp vkniswmpds qtkvfpqdkv ilvgdsitfc cisqekvlva lightncpli hldgenvaik
301  ihnisvsass gtnvvftted nifgtvifag yppdtpqqln cethdlkeil cswnpgrata lvgspratsyt rfkraeaptn gsyqlffqml
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