

Specifications:

Gene:	cynoEBI3
Accession:	XP_005587614
Insert size:	748bp
Concentration:	10µg at 0.2µg/µL

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

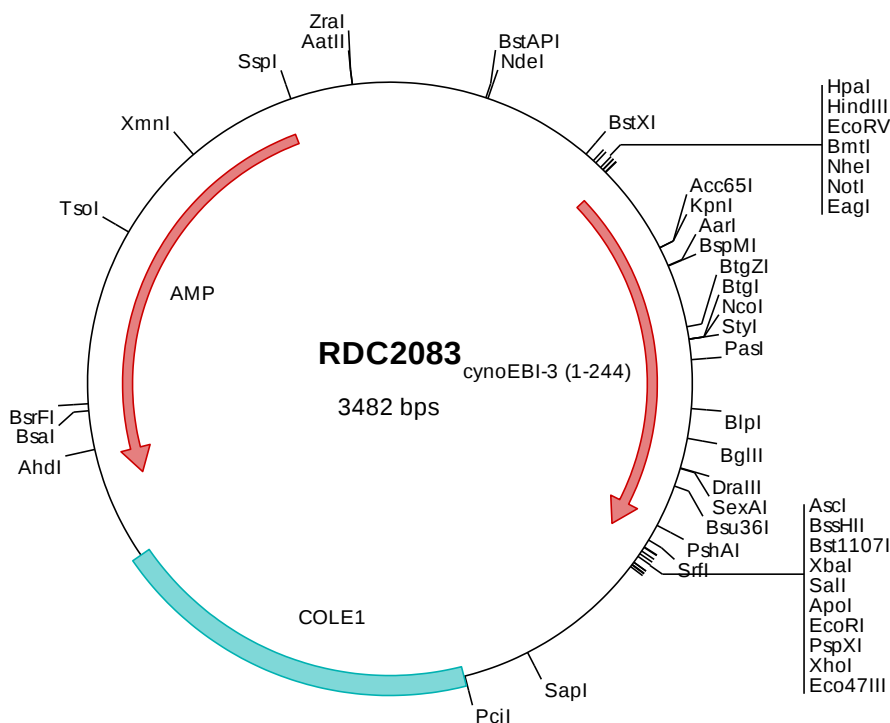
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

cynoEBI3 cDNA Plasmid

EBI3 Epstein-Barr virus induced 3
[*Macaca fascicularis* (crab-eating macaque)]

Summary:

EBI3 is a secreted glycoprotein belonging to the hematopoietin receptor family. It heterodimerizes with a 28 kDa protein to form interleukin 27 (IL-27) and with another 35 kDa protein to form interleukin 35 (IL-35). IL-27 regulates T cell and inflammatory responses, in part by activating the Jak/STAT pathway of CD4+ T cells. IL-35 suppresses inflammatory responses of immune cells. EBI3 was identified by its induced expression in B lymphocytes in response Epstein-Barr virus infection.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC2083 Plasmid DNA Sequence

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> RDC2083 Translated Insert Sequence

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