

Specifications:

Gene:	pIL12A
Accession:	Q29053.2
Insert size:	682bp
Concentration:	10µg at 0.2µg/µL

**pIL-12/IL-35 p35
cDNA Plasmid**

IL12A interleukin 12A [*Sus scrofa* (pig)]

Summary:

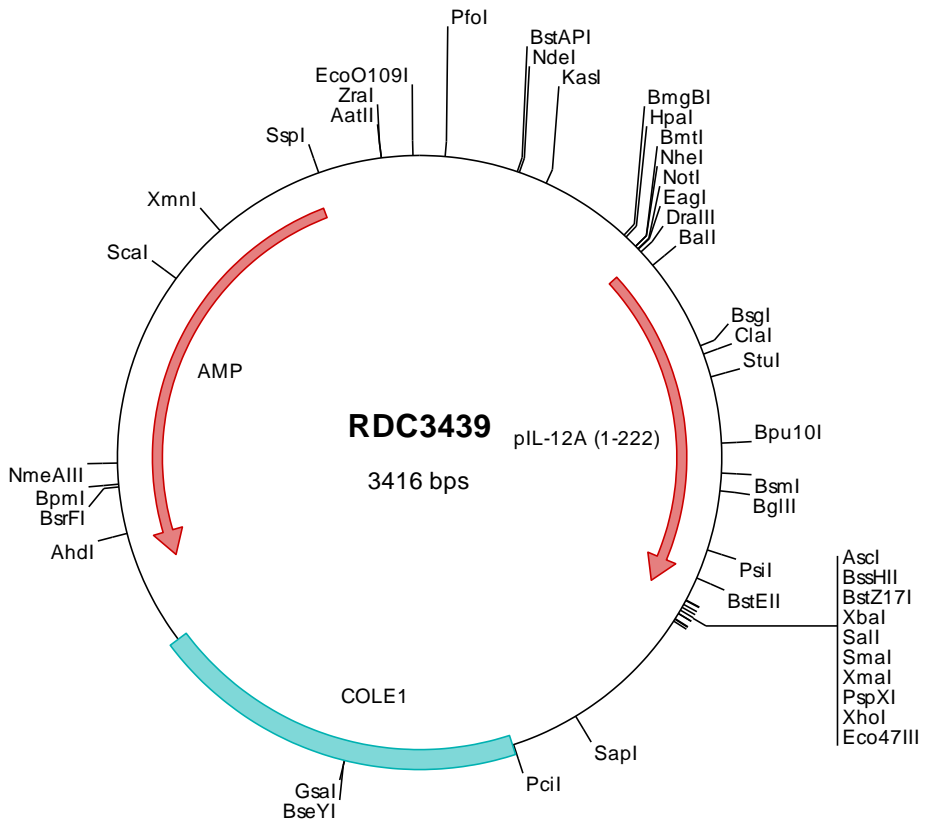
IL-12 p35 is a subunit of a heterodimeric cytokine that acts on T and natural killer cells, and has a broad array of biological activities. IL-12 is required for the T-cell-independent induction of interferon (IFN)-gamma, and is important for the differentiation of both Th1 and Th2 cells. The responses of lymphocytes to IL-12 are mediated by the activator of transcription protein STAT4.

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.



> RDC3439 Plasmid DNA Sequence

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1   tcgctgcttt  cggatgatgac  ggtgaaaacc  totgacacat  gcaagctccc  gagacgggtc  cagcttgtct  gtaagcggat  gccggggagc  gacaagcccg
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> RDC3439 Translated Insert Sequence

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