

**Specifications:**

Gene:	cynolL23A
Accession:	NP_001274588.1
Insert size:	583bp
Concentration:	10µg at 0.2µg/µL

## cynolL-23 p19 cDNA Plasmid

### IL23A interleukin 23 subunit alpha [ *Macaca fascicularis* (crab-eating macaque) ]

**Summary:**

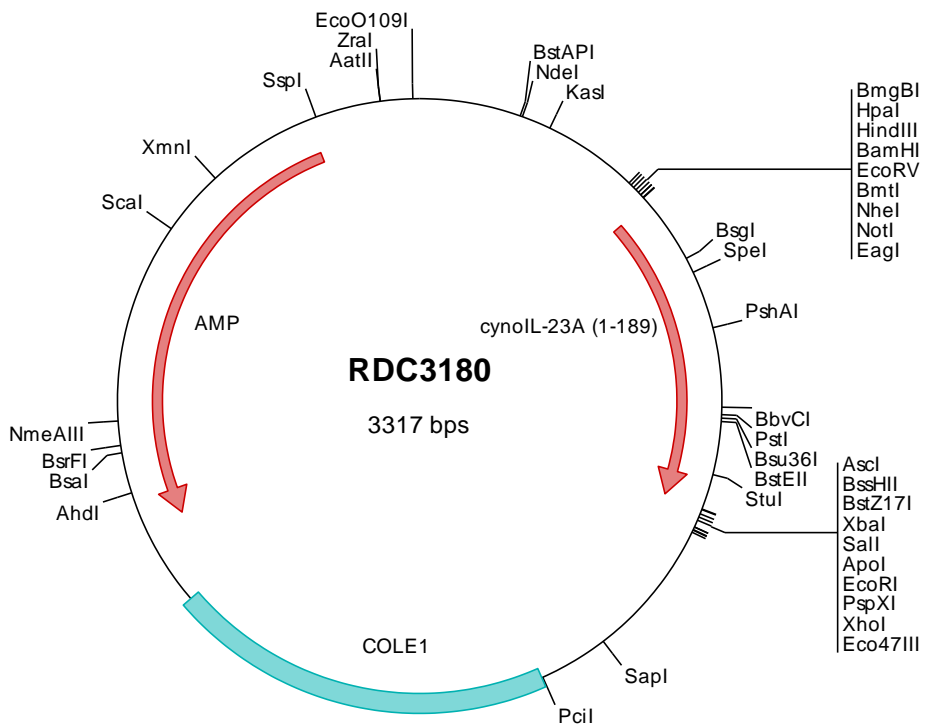
IL-23A is a subunit of the heterodimeric cytokine interleukin 23 (IL-23). IL-23 is composed of IL-23A and the p40 subunit of interleukin 12 (IL12B). The receptor of IL-23 is formed by the beta 1 subunit of IL12 (IL12RB1) and an IL-23 specific subunit, IL-23R. Both IL-23 and IL-12 can activate the transcription activator STAT4 and stimulate the production of interferon-gamma (IFNG). In contrast to IL-12, which acts mainly on naive CD4(+) T cells, IL-23 preferentially acts on memory CD4(+) T cells.

**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.



> RDC3180 Plasmid DNA Sequence

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> RDC3180 Translated Insert Sequence

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