

**Specifications:**

Gene:	hIL12A
Accession:	P29459
Insert size:	673bp
Concentration:	10µg at 0.2µg/µL

## hIL-12/IL-35 p35 cDNA Plasmid

**IL12A interleukin 12A [ *Homo sapiens* (human) ]**

**Also known as:** P35; CLMF; NFSK; NKSF1; IL-12A

**Summary:**

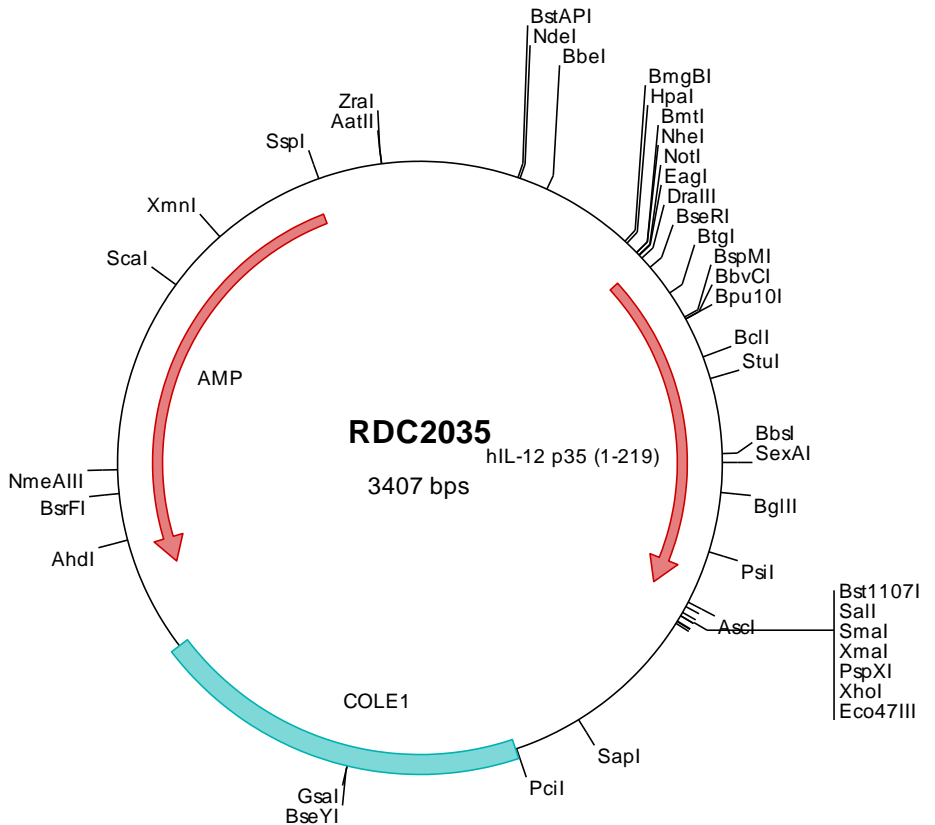
IL-12 p35 is a subunit of a cytokine that acts on T and natural killer cells, and has a broad array of biological activities. This cytokine is required for the T-cell-independent induction of interferon (IFN)-gamma, and is important for the differentiation of both Th1 and Th2 cells. The responses of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



> RDC2035 Plasmid DNA Sequence

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1   tcgcgcgctt  cggatgatgac  ggtgaaaacc  tctgacacat  gcagctcccc  gagacgggtc  cagcttgtct  gtaagcggat  gccgggagca  gacaagcccc
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3401  tttcgtc

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> RDC2035 Translated Insert Sequence

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201  afriravtid  rvmsylnas

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