

**Specifications:**

Gene:	hIL18BP
Accession:	NP_766630
Insert size:	598bp
Concentration:	10µg at 0.2µg/µL

**hIL-18 BPa cDNA  
Plasmid**

**IL18BP interleukin 18 binding protein [ *Homo sapiens* (human) ]**

**Also known as:** IL18BPa

**Summary:**

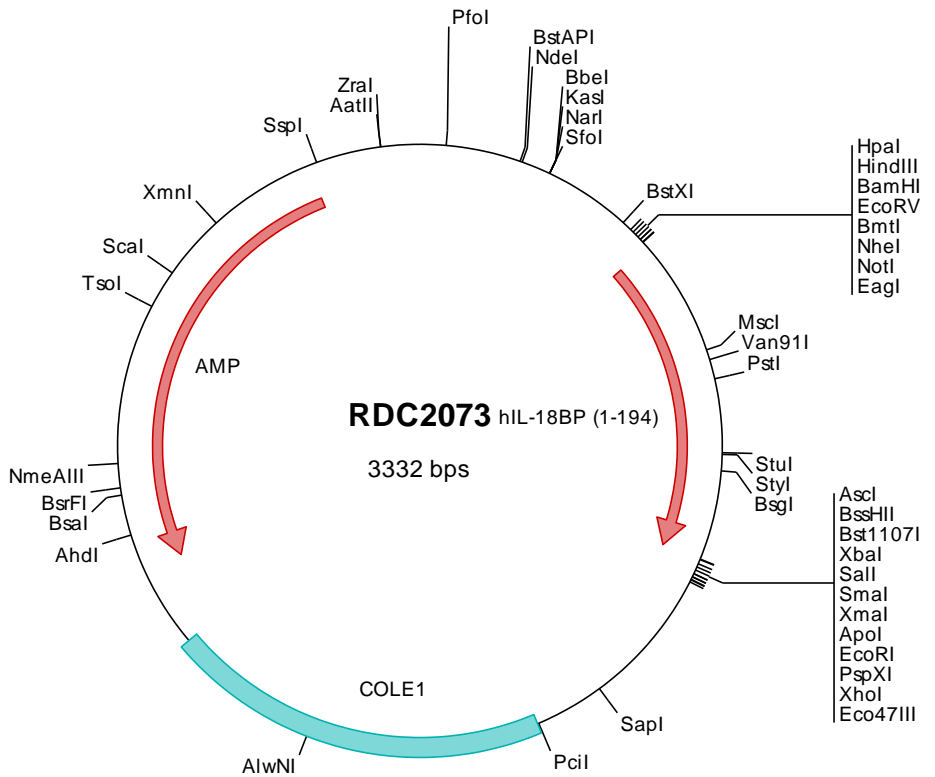
IL-18 BPa functions as an inhibitor of the proinflammatory cytokine, IL18. It binds IL18, prevents the binding of IL18 to its receptor, and thus inhibits IL18-induced IFN-gamma production, resulting in reduced T-helper type 1 immune responses. It is constitutively expressed and secreted in mononuclear cells. Elevated level of IL-18 BPa is detected in the intestinal tissues of patients with Crohn's disease. Alternatively spliced transcripts encoding different proteins have been described.

**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.



> RDC2073 Plasmid DNA Sequence

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1   tcgcgcgcttt  cggatgatgac  ggtgaaaaacc  tctgacacat  gcagctcccc  gagacgggtca  cagcttgtct  gtaagcggat  gccggggagca  gacaagcccg
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> RDC2073 Translated Insert Sequence

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