

Specifications:

Gene:	mIl18bp
Accession:	NP_034661
Insert size:	595bp
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.

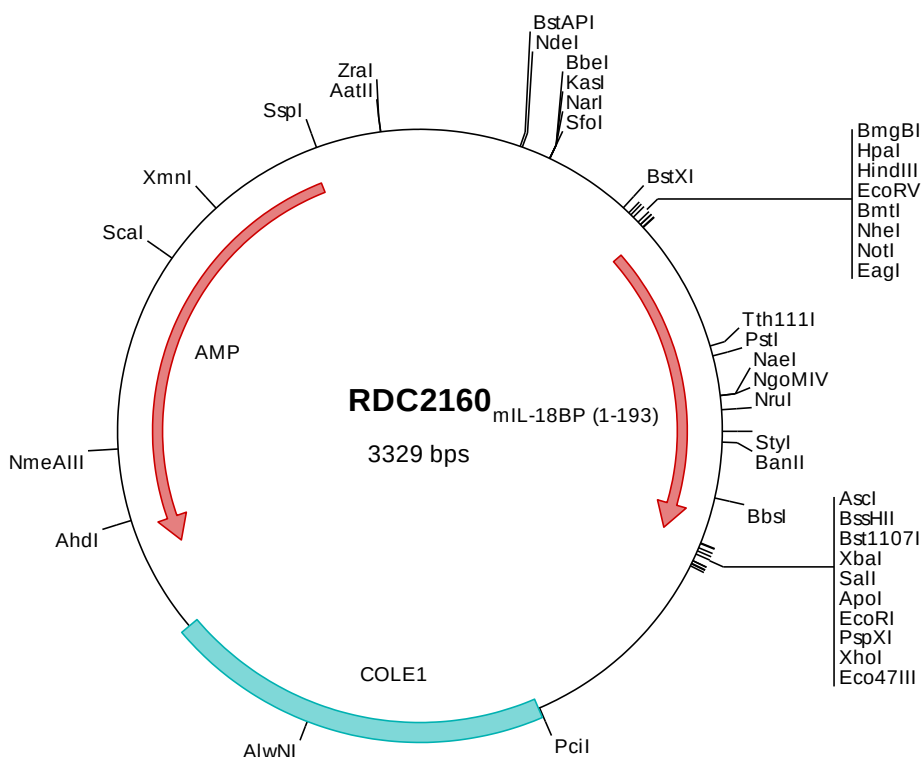
mIL-18 BP cDNA Plasmid

IL18bp interleukin 18 binding protein [*Mus musculus* (house mouse)]

Also known as: MC54L; Igifbp; IL-18BP

Summary:

IL-18 BP 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 BP is detected in the intestinal tissues of patients with Crohn's disease.



> RDC2160 Plasmid DNA Sequence

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1   tcgcgcgcttt  cggatgatgac  ggtgaaaaacc  tctgacacat  gcagctcccc  gagacggtca  cagcttgctct  gtaagcggat  gccgggagca  gacaagcccc
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> RDC2160 Translated Insert Sequence

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