

**Specifications:**

|                |                  |
|----------------|------------------|
| Gene:          | mIl18rap         |
| Accession:     | NP_034683        |
| Insert size:   | 1858bp           |
| 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. |

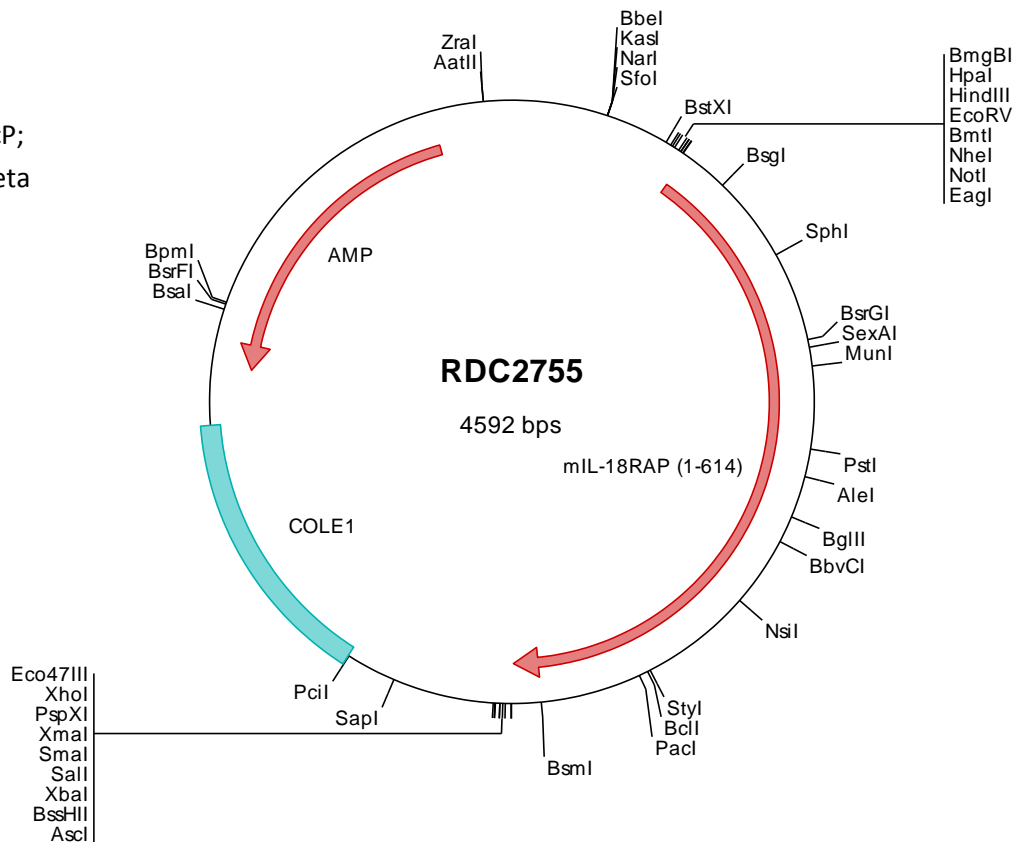
## mIL-18 Rβ/IL-1 R7 cDNA Plasmid

**IL18rap interleukin 18 receptor accessory protein [ *Mus musculus* (house mouse) ]**

**Also known as:** AcPL; IL-18RacP; IL-1RacPL; IL-18Rbeta; IL-18R-beta

**Summary:**

IL18RAP/IL18R beta is an accessory subunit of the heterodimeric receptor for interleukin 18 (IL18), a proinflammatory cytokine involved in inducing cell-mediated immunity. IL18RAP enhances the IL18-binding activity of the IL18 receptor and plays a role in signaling by IL18. The coexpression of IL18R1 and this protein is required for the activation of NF-kappaB and MAPK8 (JNK) in response to IL18. Mutations in IL18RAP are associated with Crohn's disease and inflammatory bowel disease, and susceptibility to celiac disease and leprosy.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC2755 Plasmid DNA Sequence

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> RDC2755 Translated Insert Sequence

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