

Recombinant Rat IL-18 protein, N-His

Catalog Number: bs-42148P

Concentration: >1.0 mg/ml

Species: Rat

AA Seq: 37-194/194

Predicted MW: 20.6 kDa

Tags: N-His

Activity: Not tested

Endotoxin: Not analyzed

Purity: >90% as determined by SDS-PAGE

Form: Lyophilized or Liquid

Storage: 20mM Tris (pH8.0) with 8M Urea.

Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

Background: IL18 (IFN-gamma-inducing factor, IGIF) is a novel pro-inflammatory cytokine that augments natural killer (NK) activity in spleen cells. This cytokine can induce the IFN-gamma production of T cells. The combination of this cytokine and IL12 has been shown to inhibit IL4 dependent IgE and IgG1 production, and enhance IgG2a production of B cells. IL18 binding protein (IL18BP) can specifically interact with this cytokine, and thus negatively regulate its biological activity.

VALIDATION IMAGES



The purity of the protein is greater than 90% as determined by reducing SDS-PAGE.