
Recombinant human IL-18 protein

Catalog Number: bs-42309P

Concentration: >1mg/ml

Species: Human

AA Seq: 37-193/193

Predicted MW: 18.2

Tags: Tag Free

Endotoxin: Not analyzed

Purity: >90% as determined by SDS-PAGE

Purification: AC

Form: Liquid

Storage: 20mM Tris-HCl (pH8.0) with 2M 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 80% as determined by reducing SDS-PAGE.