

IL-18/IL-1F4 (C-6His), Human, Recombinant**Cat. No. : GPCK180****产品信息**

物种	Human
表达宿主	Human Cells
序列信息	Tyr37-Asp193
检索号	Q14116
标签	C-6His
分子量	19.25 kDa
有效期	12 months

产品特性

内毒素 (EU/μg)	< 0.1
保存	Lyophilized protein should be stored at -5~-20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -5~-20°C for 3 months.
运输	Ambient temperature or ice pack.
制剂	Lyophilized from a 0.2 μm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
复溶	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/mL. Dissolve the lyophilized protein in sterile water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

背景介绍

Interleukin-18 is a secreted Protein and it belongs to the IL-1 family. IL-18 is a proinflammatory Cytokine and produced by macrophages and other cells. This Cytokine can induce the IFN-gamma production of T cells. The combination of this Cytokine and IL12 has been shown to inhibit IL-4 dependent IgE and IgG1 production, and enhance IgG2a production of B cells. IL-18 binding Protein (IL18BP) can specifically interact with this Cytokine, and thus negatively regulate its biological activity. After stimulation with IL-18, natural killer (NK) cells and certain T cells release another important Cytokine called interferon-γ (IFN-γ) or type II interferon that plays an important role in activating the macrophages or other cells.

