IL-18/ IL-1F4 (C-6His), Human, Recombinant

货号：PCK180

产品信息

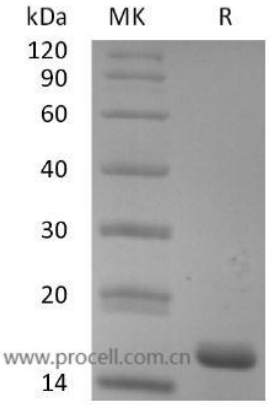
别名	Interleukin-18; Iboctadekin; Interferon gamma-inducing factor; IFN-gamma-inducing factor; Interleukin-1 gamma; IL-1 gamma; GIF; IL-18; IL-1g; IL1F4; MGC12320
物种	Human
表达宿主	Human Cells
序列信息	Tyr37-Asp193
检索号	Q14116
分子量	19.25 kDa
标签	C-6His

产品特性

纯度	>95% as determined by reducing SDS-PAGE.
内毒素	< 1.0 EU per μg as determined by LAL test.
保存	Lyophilized protein should be stored at -5~-20℃, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at -5~-20℃ for 3 months.
运输	Ambient temperature or ice pack.
制剂	Lyophilized from a 0.2 μm filtered solution of 20mM PB，150mM NaCl，pH7.4.

复融 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 distilled 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.

SDS-PAGE