

IL-36γ/IL-1F9, Human, Recombinant**Cat. No. : GPCK195****产品信息**

物种	Human
表达宿主	E.coli
序列信息	Ser18-Asp169
检索号	Q9NZH8
分子量	17.0 kDa
有效期	12 months
生物活性	Measured by its ability to induce IL-8 secretion in A431 human epithelial carcinoma cells. The ED50 for this effect is 5-20 ng/mL.

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 Tris, 100 mM NaCl, 0.1 mM EDTA, pH 8.0.
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-36 gamma (IL-36γ) is a member of the Interleukin 1 Cytokine family that includes three closely related genes, IL-36α, β, and γ, formerly known as IL-1F6, F8, and F9 respectively. IL-36α has been detected in both neuronal and synovial tissue, whereas IL-36β and IL-36γ are expressed in both cutaneous and mucosal epithelial cells, including the respiratory tract. IL-36β and IL-36γ stimulate proliferation, maturation and/or Cytokine expression by innate immune cells (such as keratinocytes and dendritic cells), and adaptive immune cells (neutrophils and T-cells) in both humans and mice. The activity of IL-36α is mediated by Interleukin 1 Receptor-like 2 (IL1RL2/IL1R-rp2), and is specifically inhibited by Interleukin 1 family, member 5 (IL1F5/IL-1 delta). IL-36γ plays an important role in communicating the cell death to surrounding cells.

