

IL-36γ/ IL-1F9, Human, Recombinant

货号 : PCK195

产品信息

别名	Interleukin-36 gamma; IL36G; IL-1-related Protein 2; IL-1RP2; IL-1 epsilon; IL-1F9; Interleukin-1 homolog 1; IL-1H1
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
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

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°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 20mM Tris, 100mM NaCl, 0.1mM EDTA, pH8.0.



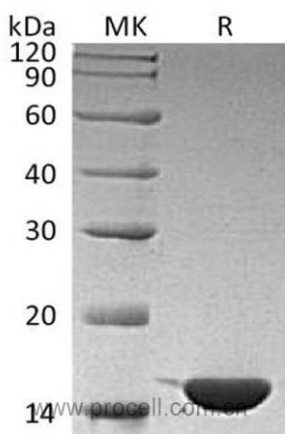
复融

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.

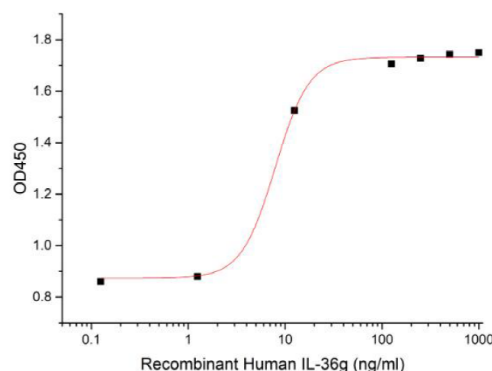
背景介绍

Interleukin-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.

SDS-PAGE



生物活性



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