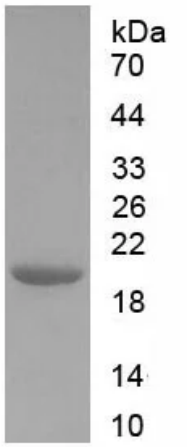
Active Interleukin 1 Family, Member 9 (IL1F9)

Catalog#:PER12992

概述（Summary）

别称（Alternative Names）	IL-1F9; IL36g; IL-1H1; IL-1RP2; IL1E; IL1H1; IL1RP2; Interleukin 36, Gamma; Interleukin-1 Homolog 1; Interleukin-1 epsilon; Interleukin 1-Related Protein 2
纯度（Purity）	Greater than 90% as determined by reducing SDS-PAGE.
内毒素（Endotoxin level）	Please contact with the lab for this information
蛋白构建（Construction）	【Tyr5-Gly153】
Accession #	F7FNC4
表达宿主（Host）	E.coli
种属（Species）	Rattus norvegicus (Rat)
预测分子量（Predicted MW）	20.1 kDa
制剂（Form）	Lyophilized from a 0.2 μm filtered solution of PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
运输方式（Shipping）	The product is shipped with ice bag. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存（Stability &Storage）	12 months at -20°C to -80°C in lyophilized state.6 months at -20°C to -80°C under sterile conditions after reconstitution.7-10 days at 2°C to 8°C under sterile conditions after reconstitution.Please minimize freeze-thaw cycles.
复溶（Reconstitution）	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

电泳图（SDS-PAGE image）



Greater than 90% as determined by reducing SDS-PAGE.

活性图（Bioactivity image）

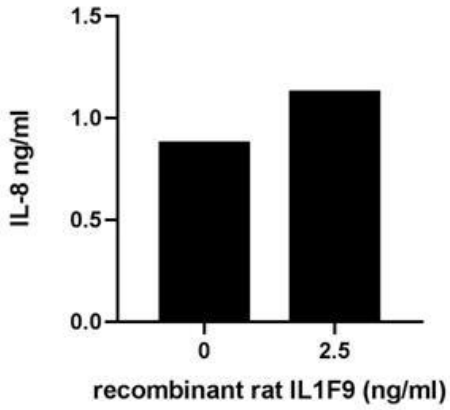


Figure1. IL-8 levels in the cell supernatant of HacaT induced by IL-1F9

IL36G (Interleukin 36 gamma), also known as IL-1F9 and IL-1H1 is a member of the IL-1 family of cytokines. This cytokine is an important mediator of the inflammatory response, and is involved in a variety of cellular activities, including cell proliferation, differentiation, and apoptosis. It has been reported that IL-1F9 can induced IL-8 production in HacaT cells. To test the bioactivity of IL-1F9, HacaT cells were seeded into 24-well plate at a density of 1x105 cells/mL , and allowed to attach overnight before treated with certain concentrations of IL-1F9 for 24h and IL-8 levels in the cell supernatant were determined by ELISA. IL-8 levels in the cell supernatant of HacaT cells increased significantly after stimulated with IL-1F9 have shown in Figure1.

注意事项（Note）

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