

Active Recombinant Rat IL36g protein, His-tagged

Cat. No. IL36g-1115R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Rat IL36g protein(F7FNC4)(5-153 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Rat
Source	E.coli
ProteinLength	5-153 aa
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Bio-activity	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 1x10 ⁵ 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.
Molecular Mass	20.1kDa
Endotoxin	<1.0EU per 1µg (determined by the LAL method).
Purity	> 90%

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Storage

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Store at -20°C for 12 months. Aliquot and store at -80°C for 12 months.

Reconstitution

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION
Gene Name

IL36g interleukin 36, gamma [*Rattus norvegicus*]

Official Symbol

IL36g

Synonyms

IL36G; interleukin 36, gamma; interleukin-1 family member 9; interleukin 1 family, member 9; IL1f9; RGD1563019;

Gene ID

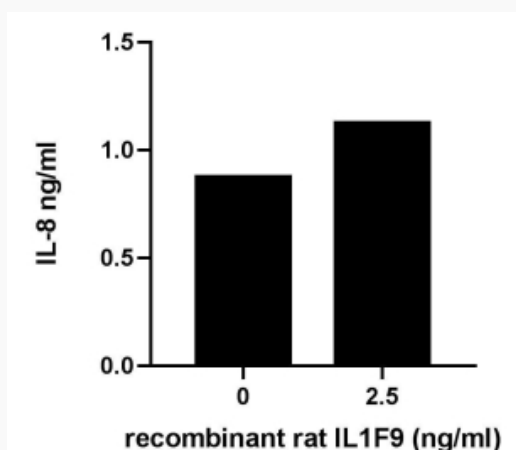
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mRNA Refseq

NM_001113790

Protein Refseq

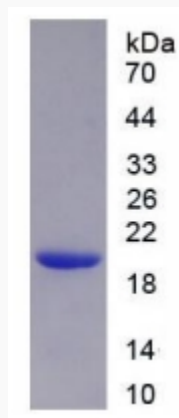
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Activity


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