

Active Recombinant Mouse Il1f9, FLAG-tagged

Cat. No. Il1f9-369M Lot. No. (See product label)

SPECIFICATION

Product Overview	Mouse IL-36γ (aa Gly13-Ser164) is fused at the C-terminus to a FLAG-tag.
Species	Mouse
Source	E.coli
ProteinLength	13-164 a.a.
Description	IL-36α; (IL-1F6), IL-36β; (IL-1F8) and IL-36γ; (IL-1F9) bind to IL-36R (IL-1Rrp2) and IL-1RAcP, activating similar intracellular signals as IL-1. IL-36Ra inhibits the production of proinflammatory cytokines, including IL-12, IL-1β, IL-6, TNF-α; and IL-23 induced by IL-36 in BMDC and CD4 T cells. Skin and dendritic cells are targets of the IL-36 interleukins leading to a Th1 response. These cytokines may represent potential targets for immune-mediated inflammatory conditions or, alternatively, could be used as adjuvants in vaccination.
Form	Lyophilized. Contains PBS.
Bio-activity	Induces secretion of IL-6 in BMDCs.
Molecular Mass	~17kDa
Purity	≥95% (SDS-PAGE)
Stability	Stable for at least 6 months after receipt when stored at -20°C.

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Storage Short Term Storage: +4°C; Long Term Storage: -20°C. After reconstitution, prepare aliquots and store at -20°C. Avoid freeze/thaw cycles. PBS containing at least 0.1% BSA should be used for further dilutions.

Concentration 0.1mg/ml after reconstitution.

GENE INFORMATION

Gene Name IL1f9 interleukin 1 family, member 9 [*Mus musculus*]

Official Symbol IL1f9

Synonyms IL1F9; interleukin 1 family, member 9; interleukin-36 gamma; IL-1F9; interleukin-1 family member 9; IL36g;

Gene ID [215257](#)

mRNA Refseq [NM_153511](#)

Protein Refseq [NP_705731](#)

Function cytokine activity; molecular_function;

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