

## Active Recombinant Mouse Il1f9, FLAG-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Mouse IL-36y (aa Gly13-Ser164) is fused at the C-terminus to a FLAG-tag.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	13-164 a.a.
<b>Description</b>	IL-36alpha; (IL-1F6), IL-36beta; (IL-1F8) and IL-36gamma; (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-1beta;, IL-6, TNF-alpha; 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.
<b>Form</b>	Lyophilized. Contains PBS.
<b>Bio-activity</b>	Induces secretion of IL-6 in BMDCs.
<b>Molecular Mass</b>	~17kDa
<b>Purity</b>	≥95% (SDS-PAGE)
<b>Stability</b>	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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