

## Recombinant Human IL36A protein

**Cat. No.** IL36A-139H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human IL36A was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	IL-1 epsilon is an actively secreted member of the IL-1 family of cytokines. It is mainly expressed in tissues with epithelial cells and in psoriatic plaques, as well as by monocytes, B cells and T cells. IL-1 epsilon has been shown to signal through the IL-Rrp2 receptor which is primarily expressed on certain dendritic cells, and to act as an agonist of NF-kappaB which then stimulates the inflammatory response in bronchial epithelial cells.
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution in PBS, NaCl and Tween® 20 with BSA as a carrier protein
<b>Molecular Mass</b>	17.4 kDa
<b>Endotoxin</b>	<1.0 EU/µg of recombinant protein as determined by the LAL method.
<b>Purity</b>	>95%
<b>Applications</b>	Cell Assay
<b>Storage</b>	The lyophilized protein is stable for at least one year from date of receipt at -70

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centigrade. Upon reconstitution, this cytokine can be stored in working aliquots at 2 centigrade - 8 centigrade for one month, or at -20 centigrade for six months, with a carrier protein without detectable loss of activity. Avoid repeated freeze/thaw cycles.

**Reconstitution**

Reconstitute at 10 µg/mL in sterile PBS containing at least 0.1% human or bovine serum albumin

## GENE INFORMATION

**Gene Name**

IL36A interleukin 36, alpha [ *Homo sapiens* ]

**Official Symbol**

IL36A

**Synonyms**

IL36A; interleukin 36, alpha; IL1F6, interleukin 1 family, member 6 (epsilon); interleukin-36 alpha; FIL1; FIL1E; IL 1F6; IL1(EPSILON); MGC129552; MGC129553; FIL1 epsilon; IL-1 epsilon; interleukin-1 epsilon; IL-1F6 (FIL-1-epsilon); interleukin 1, epsilon; interleukin-1 family member 6; interleukin 1 family, member 6 (epsilon); IL1F6; IL-1F6; FIL1(EPSILON);

**Gene ID**

27179

**mRNA Refseq**

NM\_014440

**Protein Refseq**

NP\_055255

**MIM**

605509

**UniProt ID**

Q9UHA7

**Chromosome  
Location**

2q12-q14.1

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**Function**

cytokine activity; interleukin-1 receptor binding;



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