

# Active Recombinant Human Interleukin 17F, HlgG1 Fc-tagged

**Cat. No.** IL17F-367H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	The extracellular domain of human IL-17F (AAH70124.1)(Arg31-Gln163) is fused to the N-terminus of the Fc region of a human IgG1 was expressed in CHO cell.
<b>Species</b>	Human
<b>Source</b>	CHO
<b>ProteinLength</b>	31-163 a.a.
<b>Description</b>	The protein encoded by this gene is a cytokine that shares sequence similarity with IL17. This cytokine is expressed by activated T cells, and has been shown to stimulate the production of several other cytokines, including IL6, IL8, and CSF2/GM-CSF. This cytokine is also found to inhibit the angiogenesis of endothelial cells and induce endothelial cells to produce IL2, TGFB1/TGFB, and monocyte chemoattractant protein-1.
<b>Form</b>	Lyophilized from 0.2µm-filtered solution in PBS.
<b>Bio-activity</b>	Measured by its ability to induce IL-6 secretion.
<b>Molecular Mass</b>	41KDa (monomer)
<b>AA Sequence</b>	Arg31-Gln163
<b>Endotoxin</b>	<0.06 eu/µg="" as="" determined="" by="" lal="">

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<b>Purity</b>	>98%, by SDS-PAGE under reducing conditions.
<b>Stability</b>	Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.
<b>Reconstitution</b>	Reconstitute at 100µg/ml in sterile PBS.
<b>Warning</b>	Avoid freeze/thaw cycles.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">IL17F interleukin 17F [ Homo sapiens ]</a>
<b>Official Symbol</b>	IL17F
<b>Synonyms</b>	IL17F; interleukin 17F; interleukin-17F; IL 17F; ML 1; ML1; IL-24; cytokine ML-1; mutant IL-17F; interleukin-24; ML-1; CANDF6; IL-17F;
<b>Gene ID</b>	<a href="#">112744</a>
<b>mRNA Refseq</b>	<a href="#">NM_052872</a>
<b>Protein Refseq</b>	<a href="#">NP_443104</a>
<b>MIM</b>	<a href="#">606496</a>
<b>UniProt ID</b>	<a href="#">Q96PD4</a>
<b>Chromosome Location</b>	6p12
<b>Pathway</b>	IL23-mediated signaling events, organism-specific biosystem;

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**Function**

cytokine activity; cytokine binding; protein homodimerization activity;

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