

Active Recombinant Human Interleukin 17F, HIgG1 Fc-tagged, mutant

Cat. No. IL17F-366H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The extracellular domain of human IL-17F (AAH70124.1)(Arg31-Gln163) is fused to the N-terminus of the Fc region of a mutant human IgG1 was expressed in CHO cell.
Species	Human
Source	CHO
ProteinLength	31-163 a.a.
Description	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.
Form	Lyophilized from 0.2µm-filtered solution in PBS.
Bio-activity	Measured by its ability to induce IL-6 secretion.
Molecular Mass	41KDa (monomer)
AA Sequence	Arg31-Gln163

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Endotoxin	<0.06 eu/μg="" as="" determined="" by="" lal="" test.="">
Purity	>98%, by SDS-PAGE under reducing conditions.
Stability	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.
Reconstitution	Reconstitute at 100μg/ml in sterile PBS.
Warning	Avoid freeze/thaw cycles.

GENE INFORMATION

Gene Name	IL17F interleukin 17F [Homo sapiens]
Official Symbol	IL17F
Synonyms	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;
Gene ID	112744
mRNA Refseq	NM_052872
Protein Refseq	NP_443104
MIM	606496
UniProt ID	Q96PD4
Chromosome Location	6p12

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Pathway

IL23-mediated signaling events, organism-specific biosystem;

Function

cytokine activity; cytokine binding; protein homodimerization activity;

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