

Active Recombinant Human IL17F Protein (Arg31-Gln163), C-His tagged, Animal-free, Carrier-free

Cat. No. IL17F-12H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL17F Protein (Arg31-Gln163) with C-His tag was expressed in E. coli and Animal-free as well as Carrier-free.
Species	Human
Source	E.coli
ProteinLength	Arg31-Gln163
Description	Interleukin 17F (IL-17F) predicts a molecular mass of 30.1 kDa, is a cytokine of innate and adaptive immune system involved in antimicrobial host defense and maintenance of tissue integrity. It is involved in the development of inflammation and host defense against infection by inducing the expression of genes that encode other proinflammatory cytokines, such as tumor necrosis factor, interleukin 1, interleukin 6 and some members of the colony-stimulating factor family.
Form	Lyophilized
Bio-activity	Measure by its ability to induce IL-6 secretion in 3T3 cells. The ED50 for this effect is < 20 ng/mL.
Molecular Mass	The protein has a calculated MW of 15.84 kDa. The protein migrates as 18 kDa under reducing condition (SDS-PAGE analysis).

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Endotoxin	< 0.1 EU/μg of the protein by the LAL method.
Purity	>98% as determined by SDS-PAGE analysis.
Storage	This product is stable after storage at: -20 centigrade for 12 months in lyophilized state from date of receipt. -20 or -80 centigrade for 1 month under sterile conditions after reconstitution. Avoid repeated freeze/thaw cycles.
Storage Buffer	Lyophilized from a 0.2 μm filtered solution containing 20 mM sodium acetate, pH 4.0.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H ₂ O to a concentration not less than 200 μg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at -20 centigrade or lower for long term storage.

GENE INFORMATION

Gene Name	IL17F interleukin 17F [Homo sapiens (human)]
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

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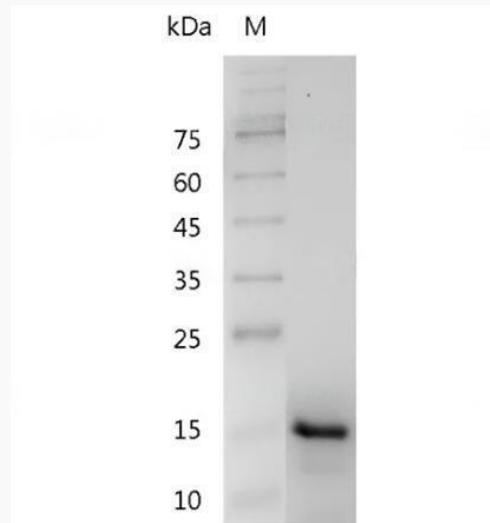
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Protein Refseq NP_443104

MIM 606496

UniProt ID Q96PD4

**SDS-PAGE analysis
of recombinant
human IL-17F.**



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