

Active Recombinant Human IL17F Protein, Animal Free

Cat. No. IL17F-28H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL17F Protein without tag was expressed in Human cells. Animal Free and Xeno Free
Species	Human
Source	Human Cells
Description	IL-17F is a member of IL-17 family of structurally-related cytokines that share a highly conserved C-terminal region, but differ from one another in their N-terminal regions and in their distinct biological roles. IL-17F is a homodimer of two 133 amino acid chains that are secreted by activated CD4+ T cells and activated monocytes. The biological activities mediated by IL-17F are similar to those of IL-17. IL-17F stimulates the production of other cytokines such as IL-6, IL-8 and granulocyte colony stimulating factor. It can also regulate cartilage matrix turnover, stimulate PBMC and T cell proliferation, and inhibit angiogenesis.
Bio-activity	The activity was measured by its ability to induce IL-6 expression in the NHDF adult fibroblasts.
Molecular Mass	38 kDa
Endotoxin	<0.5 EU/ µg
Purity	High Purity, >95% by SDS-PAGE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. In general: 12 months from date of receipt, -20 to -80 centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after reconstitution. 3 months, -20 to -80 centigrade under sterile conditions after reconstitution.
Storage Buffer	Lyophilized from a 0.2 µm filtered solution in PBS without carrier protein
Reconstitution	Briefly centrifuge the vial before opening. It is recommended to reconstitute the protein in sterile PBS containing 0.1% endotoxin-free recombinant human serum albumin.
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
Protein Refseq	NP_443104
MIM	606496
UniProt ID	Q96PD4

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