

Active Recombinant Human IL17F protein

Cat. No. IL17F-434H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human IL17F protein(AAH70124.1) (Arg31-Gln163) was expressed in E.coli with a N-terminal Met.
Species	Human
Source	E.coli
ProteinLength	31-163 aa
Form	Lyophilized from a 0.2 µ filtered concentrated solution in PBS, pH 7.4.
Bio-activity	Fully biologically active when compared to standard. The ED50 as determined by inducing IL-6 secretion of murine NIH/3T3 cells is less than 20 ng/ml, corresponding to a specific activity of $> 5.0 \times 10^4$ IU/mg.
Molecular Mass	Approximately 30.1 kDa, a disulfide-linked homodimer of two 134 amino acid polypeptide chains.
AASequence	MRKIPKVGHT FFQKPESCPP VPGGSMKLDI GIINENQRVS MSRNIESRST SPWNYTVTWD PNRYPSEVVQ AQCRNLGCIN AQGKEDISMN SVPIQQETLV VRRKHQGCSV SFQLEKVLVT VGCTCVTPVI HHVQ
Endotoxin	Less than 1 EU/g of rHuIL-17F as determined by LAL method.
Purity	> 95 % by SDS-PAGE and HPLC analyses.

 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

Storage Use a manual defrost freezer and avoid repeated freeze-thaw cycles. - 12 months from date of receipt, -20 to -70 °C as supplied. - 1 month, 2 to 8 °C under sterile conditions after reconstitution. - 3 months, -20 to -70 °C under sterile conditions after reconstitution.

Reconstitution We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20°C.

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

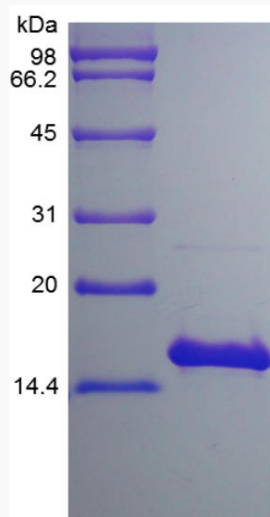
UniProt ID Q96PD4

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SDS-PAGE



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