

Active Recombinant Human IL17A & IL17F protein, His-tagged

Cat. No. IL17A & IL17F-02H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL17A protein(NP_002181.1) (Met1-Ala155) and the mature form of human IL17F (NP_443104.1) (Arg31-Gln163) linked by a polypeptide linker was expressed with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Met1-Ala155&Arg31-Gln163
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	1.Measured by its binding ability in a functional ELISA. 2.Measured by its ability to induce IL-6 secretion by NIH-3T3 mouse embryonic fibroblast cells in the presense of 20 ng/mL TNF α . The ED50 for this effect is 0.8-4 ng/mL.
Molecular Mass	The recombinant human IL17A & IL17F consists 280 amino acids and predicts a molecular mass of 31 kDa.
Endotoxin	< 1.0 EU per μ g protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [IL17A interleukin 17A \[Homo sapiens \]](#)

Official Symbol [IL17A](#)

Synonyms

IL17A; interleukin 17A; CTLA8, IL17, interleukin 17 (cytotoxic T lymphocyte associated serine esterase 8); interleukin-17A; cytotoxic T lymphocyte associated protein 8; IL 17; IL 17A; CTLA-8; cytotoxic T-lymphocyte-associated antigen 8; cytotoxic T-lymphocyte-associated protein 8; cytotoxic T-lymphocyte-associated serine esterase 8; interleukin 17 (cytotoxic T-lymphocyte-associated serine esterase 8); IL17; CTLA8; IL-17; IL-17A;

Gene ID [3605](#)

mRNA Refseq [NM_002190](#)

Protein Refseq [NP_002181](#)

MIM [603149](#)

UniProt ID [Q16552](#)

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