

Active Recombinant Human IL17A Protein, Animal Free

Cat. No. IL17A-27H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL17A Protein without tag was expressed in Human cells. Animal Free and Xeno Free
Species	Human
Source	Human Cells
Description	IL-17 represents a 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-17(IL-17A) is a homodimer of two 136 amino acid chains that are secreted by activated T cells. IL-17A is expressed by activated Th17 cells. IL-17A induces stromal cells to produce proinflammatory and hematopoietic cytokines. It also enhances the surface expression of ICAM1 (intracellular adhesion molecule 1) in fibroblasts.
Bio-activity	The activity was measured by its ability to induce IL-6 expression in the NHDF adult fibroblasts.
Molecular Mass	30-35 kDa
Endotoxin	<0.5 EU/ µg
Purity	High Purity, >95% by SDS-PAGE
Stability	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. In general: 12

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

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](#)

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UniProt ID

Q16552

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