

Recombinant Human IL-17A

Cat. No. IL17A-97H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human IL-17A was produced in yeast and therefore does not have endotoxin, is naturally folded, and post-translationally modified.
Species	Human
Source	Yeast
Description	IL-17A is a member of the IL-17 family, which is comprised of 6 members [IL-17A, IL-17B, IL-17C, IL-17D, IL-17E (also called IL-25), and IL-17F]. IL-17 family members are involved in numerous immune regulatory functions, including inducing and mediating proinflammatory responses and allergic responses. IL-17 induces the production of many other cytokines (IL-6, G-CSF, GM-CSF, IL-1beta, TGF-beta, and TNF-alpha), chemokines, including IL-8 (CXCL8), GRO-alpha (CXCL1) and MCP-1 (CCL2) and prostaglandins from many cell types (fibroblasts, endothelial cells, epithelial cells, keratinocytes and macrophages).
Form	Lyophilized
Molecular Mass	15.1 kDa
AA Sequence	GITIPRNPGC PNCSEKDFPR TVMVNLNIHN RNTNTNPKRS SDYYNRSTSP WNLHRNEDPE RYPSVIWEAK CRHLGCINAD GNVGYHMNSV PIQQEILVLR REPPHCPNSF RLEKILVSVG CTCVTPIVHH VA (132)
Applications	The human IL-17A protein can be used in cell culture, as a IL-17A ELISA Standard,

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and as a Western Blot Control.

Storage -20 C

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

Chromosome Location 6p12

Pathway Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-

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cytokine receptor interaction, conserved biosystem; IL23-mediated signaling events, organism-specific biosystem; IL27-mediated signaling events, organism-specific biosystem; Rheumatoid arthritis, organism-specific biosystem; Rheumatoid arthritis, conserved biosystem;

Function

cytokine activity;

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