

## Recombinant Human IL-17A

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

### SPECIFICATION

<b>Product Overview</b>	Human IL-17A was produced in yeast and therefore does not have endotoxin, is naturally folded, and post-translationally modified.
<b>Description</b>	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).
<b>Source</b>	Yeast
<b>Species</b>	Human
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	15.1 kDa
<b>AA Sequence</b>	GITIPRNPGC PNSEDKNFPR TVMVNLNIHN RNTNTNPKRS SDYYNRSTSP WNLHRNEDPE RYPSVIWEAK CRHLGCINAD GNVDYHMNSV PIQQEILVLR REPPHCPNSF RLEKILVSVG CTCVTPIVHH VA (132)
<b>Applications</b>	The human IL-17A protein can be used in cell culture, as a IL-17A ELISA Standard, and

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

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-cytokine receptor interaction, conserved biosystem; IL23-mediated signaling events, organism-

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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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