

Recombinant Human Interleukin 17A, Fc Chimera

Cat. No. IL17A-279H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Interleukin 17A is produced in mammalian cells and fused with human IgG1Fc. IL-17A (C-terminus fused with human IgG1Fc) contains 361 amino acids with predicted MW 40.82kDa x 2 (dimer) and 12 cysteines (Fc has 6). It also has 1 N-link glycosylation site with MW increase up to 5 kDa. Receptor for IL-17A induces stromal cells to produce proinflammatory and hematopoietic cytokines. Enhances the surface expression of the intracellular adhesion molecule-1 (ICAM-1) in fibroblasts.
Species	Human
Source	Mammalian Cells
Description	The protein encoded by this gene is a proinflammatory cytokine produced by activated T cells. This cytokine regulates the activities of NF-kappaB and mitogen-activated protein kinases. This cytokine can stimulate the expression of IL6 and cyclooxygenase-2 (PTGS2/COX-2), as well as enhance the production of nitric oxide (NO). High levels of this cytokine are associated with several chronic inflammatory diseases including rheumatoid arthritis, psoriasis and multiple sclerosis.
Purity	>90%.
Quantity	2.0mg/2ml PBS.
Availability	Back order, one month for production.

 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 -70°C

GENE INFORMATION

Gene Name 17A interleukin 17A [Homo sapiens]

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

Gene ID 3605

mRNA Refseq NM_002190

Protein Refseq NP_002181

MIM 603149

UniProt ID Q16552

Chromosome Location 6p12

Pathway Cytokine-cytokine receptor interaction

Function cytokine activity

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