

Active Recombinant Human Interleukin 17A, HIgG1 Fc-tagged

Cat. No. IL17A-572H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The extracellular domain of human IL-17 (AAH67505.1)(Ile20-Ala155) is fused to the N-terminus of the Fc region of a human IgG1 was expressed in CHO cell.
Species	Human
Source	CHO
ProteinLength	20-155 a.a.
Description	The protein encoded by this gene is a proinflammatory cytokine produced by activated T cells. This cytokineregulates the activities of NF-kappaB and mitogen-activated protein kinases. This cytokine can stimulate theexpression 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 rheumatoidarthritis, psoriasis and multiple sclerosis.
Form	Lyophilized from 0.2µm-filtered solution in PBS.
Bio-activity	Measured by its ability to induce IL-6 secretion.
Molecular Mass	42KDa (monomer)
AA Sequence	Ile20-Ala155
Endotoxin	<0.06 eu/µg="" as="" determined="" by="" lal="">

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Purity	>98%, by SDS-PAGE under reducing conditions.
Stability	Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.
Reconstitution	Reconstitute at 100µg/ml in sterile PBS.
Warning	Avoid freeze/thaw cycles.

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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Chromosome Location	6p12
Pathway	Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-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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