

## Recombinant Human IL17A, Fc-tagged

Cat. No. IL17A-28212TH Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant full length Human IL17 fused at the C-terminus to the Fc portion of Human IgG1; MWt 45 kDa .
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	155 amino acids
<b>Description</b>	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.
<b>Conjugation</b>	Fc
<b>Molecular Weight</b>	45.000kDa inclusive of tags
<b>Tissue specificity</b>	Restricted to activated memory T-cells.
<b>Form</b>	Liquid
<b>Purity</b>	>90% by SDS-PAGE

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<b>Storage buffer</b>	Preservative: None Constituents: PBS
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Sequence Similarities</b>	Belongs to the IL-17 family.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	<a href="#">IL17A interleukin 17A [ Homo sapiens ]</a>
<b>Official Symbol</b>	<a href="#">IL17A</a>
<b>Synonyms</b>	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;
<b>Gene ID</b>	<a href="#">3605</a>
<b>mRNA Refseq</b>	<a href="#">NM_002190</a>
<b>Protein Refseq</b>	<a href="#">NP_002181</a>
<b>MIM</b>	<a href="#">603149</a>
<b>Uniprot ID</b>	<a href="#">Q16552</a>
<b>Chromosome Location</b>	6p12
<b>Pathway</b>	Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; IL23-mediated signaling events,

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organism-specific biosystem; IL27-mediated signaling events, organism-specific biosystem; Rheumatoid arthritis, organism-specific biosystem;

**Function**

cytokine activity;

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