

## Recombinant Mouse Il17a Protein, MYC/DDK-tagged

Cat. No. II17a-096M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of full-length mouse interleukin 17A (Il17a), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	<p>This gene encodes a pro-inflammatory cytokine that is a member of the interleukin-17 family. The encoded protein plays a central role in host defense against diverse pathogens. The encoded protein is produced by activated T-cells and certain cell types of innate immune system. The active protein functions as either a homodimer with other interleukin-17 family members and signals through the interleukin-17 receptor to induce inflammatory cytokine production. Aberrant expression of this gene is associated with autoinflammatory diseases including rheumatoid arthritis, psoriasis and multiple sclerosis.</p>
<b>Molecular Mass</b>	17.5 kDa
<b>Purity</b>	>80%, as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.

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**Concentration** >50 ug/mL as determined by microplate BCA method

**Storage Buffer** 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

## GENE INFORMATION

**Gene Name** [Il17a interleukin 17A \[ Mus musculus \(house mouse\) \]](#)

**Official Symbol** [Il17a](#)

**Synonyms** [Il17a](#); [interleukin 17A](#); [Il17](#); [Ctla8](#); [IL-17](#); [Ctla-8](#); [IL-17A](#); [interleukin-17A](#); [cytotoxic T-lymphocyte-associated antigen 8](#)

**Gene ID** [16171](#)

**mRNA Refseq** [NM\\_010552](#)

**Protein Refseq** [NP\\_034682](#)

**UniProt ID** [Q62386](#)

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