

RP00395

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# Recombinant Human IL-17/IL-17A Protein

Catalog No.: RP00395

Recombinant

## Sequence Information

Species	Gene ID	Swiss Prot
Human	3605	Q16552

### Tags

C-6×His

### Synonyms

IL17A; CTLA-8; CTLA8; IL-17; IL-17A; IL17; interleukin-17A;CTLA-8;CTLA8;IL-17;IL-17 A;IL17

## Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

### Endotoxin

< 1 EU/μg of the protein by LAL method.

### Formulation

Lyophilized from a 0.2 μm filtered solution of 20 mM PB, 150 mM NaCl, pH7.4. Contact us for customized product form or formulation.

### Reconstitution

Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

## Background

This protein 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.

## Basic Information

### Description

Recombinant Human IL-17/IL-17A Protein is produced by Human Cell expression system. The target protein is expressed with sequence (Gly24-Ala155) of human IL-17/IL-17A (Accession #Q16552) fused with a 6×His tag at the C-terminus.

### Bio-Activity

Measured by its ability to induce IL-6 secretion by NIH3T3 mouse embryonic fibroblast cells. The ED<sub>50</sub> for this effect is typically 0.5-2 ng/mL.

### Storage

Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

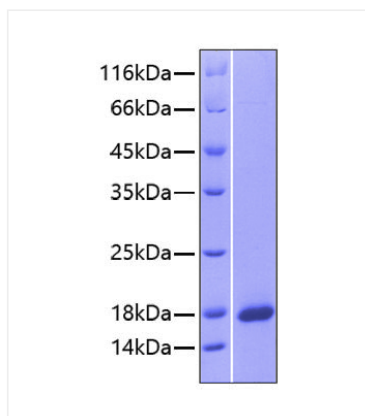
## Contact



[www.abclonal.com](http://www.abclonal.com)

## Validation Data

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Recombinant protein Human IL-17/IL-17A was determined by SDS-PAGE under reducing conditions with Coomassie Blue, showing a band at 18 kDa.