

RP00621

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# Recombinant Human IL-17D Protein

Catalog No.: RP00621

Recombinant

## Sequence Information

Species	Gene ID	Swiss Prot
Human	53342	Q8TAD2

### Tags

No tag

### Synonyms

Interleukin-17D; IL-17D; IL17D

## Product Information

### Source

<I>E. coli</I>

### Purification

> 95% by SDS-PAGE.

### Endotoxin

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

### Formulation

Lyophilized from a 0.2 μm filtered solution of 4mM HCl. 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

The Interleukin-17 family proteins, comprising six members (IL-17, IL-17B through IL-17F), are secreted, structurally related proteins that share a conserved cysteine-knot fold near the C-terminus, but have considerable sequence divergence at the N-terminus. IL-17 family proteins are proinflammatory cytokines that induce local cytokine production and are involved in the regulation of immune functions. Among IL-17 family members, IL-17D is most closely related to IL-17B, sharing 27% aa sequence homology. IL-17D is expressed preferentially in skeletal muscle, heart, adipose tissue, lung, pancreas, and nervous system. Like other IL-17 family members, IL-17D modulates immune responses indirectly by stimulating the production of myeloid growth factors and chemokines including IL-6, IL-8, and GM-CSF. IL-17D has also been shown to suppress the proliferation of myeloid progenitors in colony formation assays.

## Basic Information

### Description

Recombinant Human IL-17D Protein is produced by <I>E. coli</I> expression system. The target protein is expressed with sequence (Ala18-Pro202) of human IL-17D (Accession #Q8TAD2).

### Bio-Activity

### 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.

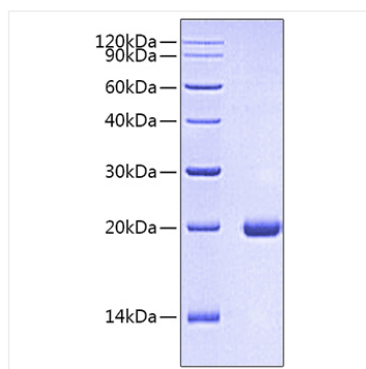
## Contact



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

## Validation Data

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Recombinant Human IL-17D Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.