

# Recombinant Human IL-17C Protein

Catalog No.: RP02709 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Human	27189	Q9P0M4

### Tags

C-His

### Synonyms

CX2; Cytokine CX2; IL17C; IL-17C;  
IL-17CMGC126884

## Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE. > 95% as determined by SEC-HPLC

### Endotoxin

&lt;0.01EU/μg by the LAL method.

### Formulation

#### Reconstitution

Centrifuge the tube before opening.  
Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize freeze-thaw cycles.

## Contact

 | 400-999-6126 | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn) | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Background

Interleukin 17C (IL-17C) is a 15-20 kDa glycosylated cytokine that plays an important role in mucosal immunity and chronic inflammation. The six IL-17 cytokines (IL17A-F) are encoded by separate genes but adopt a conserved cystine knot fold. IL17C is Cytokine that plays a crucial role in innate immunity of the epithelium, including to intestinal bacterial pathogens, in an autocrine manner. Stimulates the production of antibacterial peptides and proinflammatory molecules for host defense by signaling through the NF-kappa-B and MAPK pathways. Acts synergically with IL22 in inducing the expression of antibacterial peptides, including S100A8, S100A9, REG3A and REG3G.

## Basic Information

### Description

Recombinant Human IL-17C Protein is expressed from Expi293 with His tag at the C-terminal. It contains His19-Val197.

### Bio-Activity

#### Storage

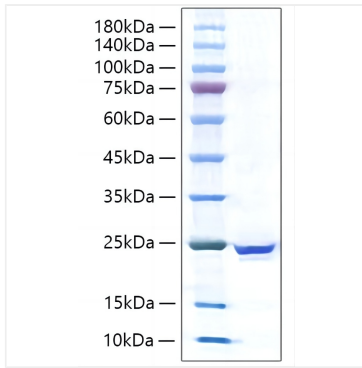
Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

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.

## Validation Data

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Recombinant Human IL-17C Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 20-25 kDa.