

**Recombinant Human IL-17E**  
**Catalog # PBG10203****Specification**

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**Recombinant Human IL-17E - Product Information****Recombinant Human IL-17E - Additional Information****Description**

IL-17E is a disulfide-linked homodimer of two 145 amino acid polypeptide chains. It belongs to the IL-17 family of structurally-related cytokines that share a highly conserved C-terminal region, but differ from one another in their N-terminal regions and in their distinct biological roles. The six known members of this family, IL-17A through IL-17F, are secreted as homodimers. IL-17E stimulates secretion of IL-8, and induces activation of the transcription factor NF- $\kappa$ B in cells that express the IL-17BR receptor. Recombinant human IL-17E is a 33.8 kDa disulfide-linked homodimer of two 145 amino acid polypeptide chains.

**Biological Activity**

Determined by its ability to induce IL-8 in human PBMCs using a concentration range of 10-100ng.

**Authenticity**

Verified by N-terminal and Mass Spectrometry analyses (when applicable).

**Endotoxin**

Endotoxin level is <0.1 ng/  $\mu$ g of protein (<1EU/  $\mu$ g).

**Protein Content**

Verified by UV Spectroscopy and/or SDS-PAGE gel.

**Storage**

-20°C

**Precautions**

Recombinant Human IL-17E is for research use only and not for use in diagnostic or therapeutic procedures.

**Recombinant Human IL-17E - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## **Recombinant Human IL-17E - Images**