

**Recombinant Human IL-20**  
**Catalog # PBG10217****Specification**

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**Recombinant Human IL-20 - Product Information****Recombinant Human IL-20 - Additional Information****Description**

IL-20 is a member of the IL-10 family of regulatory cytokines which includes IL-10, IL-19, IL-20, IL-22, IL-24 and IL-26. Members of this family share partial homology in their amino acid sequences but they are dissimilar in their biological functions. IL-20 is a hematopoietic growth factor capable of stimulating colony formation by CD34+ multipotential progenitors, but not by other progenitor cells. IL-20 signals through a receptor system composed of type I IL-20R- $\alpha$  and type II IL-20R- $\beta$ . Over-expression of IL-20 in keratinocytes expressing both receptor subunits has been implicated in the induction of inflammatory skin disease. Recombinant human IL-20 is a 35.2 kDa homodimeric protein consisting of two 153 amino acid polypeptide chains.

**Biological Activity**

Determined by its ability to activate STAT following receptor ligand interaction.

**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-20 is for research use only and not for use in diagnostic or therapeutic procedures.

**Recombinant Human IL-20 - 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-20 - Images**