

**Recombinant Human IL-12 p80**  
**Catalog # PBG10188****Specification**

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**Recombinant Human IL-12 p80 - Product Information****Recombinant Human IL-12 p80 - Additional Information****Description**

IL-12 is a disulfide-linked heterodimeric protein (p70), composed of two subunits, p35 and p40, which are encoded by two different genes. Accumulating data indicate that p40 secretion precedes that of IL-12 expression. In addition, to its ability to covalently bind to p35 to form IL-12, p40 can bind to p19 to form IL-23, or can form a homodimer designated as IL-12 p80. Elevated levels of IL-12 p80 are correlated with macrophage recruitment and increased inflammation in asthma and respiratory viral infection models. Recombinant human IL-12 p80 is an 80.0 kDa disulfide linked homodimer consisting of two p40 chains of IL-12.

**Biological Activity**

Not available.

**Authenticity**

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

**Endotoxin**

Endotoxin level is <0.1 ng/ µg of protein (<1EU/ µg).

**Protein Content**

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

**Storage**

-20°C

**Precautions**

Recombinant Human IL-12 p80 is for research use only and not for use in diagnostic or therapeutic procedures.

**Recombinant Human IL-12 p80 - 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-12 p80 - Images**