

Recombinant Human IL-19
Catalog # PBG10206**Specification**

Recombinant Human IL-19 - Product Information**Recombinant Human IL-19 - Additional Information****Description**

IL-19 belongs to 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. Preliminary data suggests that IL-19 is a proinflammatory cytokine because it up-regulates IL-6 and TNF- α and induces apoptosis through TNF- α . IL-19 signals through the type I IL-20R. Human and murine IL-19 share 71% amino acid sequence identity. Recombinant human IL-19 is a 17.9 kDa protein containing 153 amino acid residues. In solution IL-19 exists predominantly as a non-disulfide-linked dimer.

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/ μ g of protein (<1EU/ μ g).

Protein Content

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

Storage

-20°C

Precautions

Recombinant Human IL-19 is for research use only and not for use in diagnostic or therapeutic procedures.

Recombinant Human IL-19 - 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](#)

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