IL-12 p80 Human (BTI-Tn-5B1-4) Hi-5 Insect cells*

Product Data Sheet

Type: Recombinant
Source: (BTI-Tn-5B1-4) Hi-5 Insect cells*
Species: Human
Other names: ,

Cat. No.:

RBG10012P80002	(2 µg)
RBG10012P80010	(10 µg)
RBG10012P80100	(100 µg)

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 indicates 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 it can form the homodimer designated IL-12 p80. Elevated levels of IL-12 p80 correlate to 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.

Research topic

Cardiovascular disease, Coronary artery disease, Immune Response, Infection and Inflammation, Oncology, Transplantation

Source

(BTI-Tn-5B1-4) Hi-5 Insect cells*

Purity

95%

Biological Activity

Data not available.

Endotoxin

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

Reconstitution

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 1.0 mg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 week. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein (example 0.1% BSA) and store in working aliquots at -20°C to -80°C.

Storage, Stability/Shelf Life

-20°C

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