

32-20621: Recombinant Human IL-12 p80(Discontinued)

Reactivity : Human

Alternative Name : Interleukin-12 subunit beta, IL-12 subunit p40, IL-12B, Cytotoxic Lymphocyte Maturation Factor 40 kDa subunit (CLMF p40), NK cell Stimulating Factor Chain 2

Description

Source: Hi-5 Insect cells

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.

Product Info

Amount : 2 µg / 10 µg

Purification : Purity: >= 95% by SDS-PAGE gel and HPLC analyses.

Content : This recombinant protein is supplied in lyophilized form.

Amino Acid : p40 subunit: IWELKKDVYV VELDWYPDAP GEMVVLTCDT PEEDGITWTL DQSSEVLGSG KTLTIQVKEF
GDAGQYTCHK GGEVLSHLL LLHKEDGIW STDILKDQKE PKNKTFLRCE AKNYSGRFTC WWLTTISTDL
TFSVKSSRGS SDPQGVTCGA ATLSAERVRG DNKEYEYSVE CQEDSACPAA EESLPIEVMV DAVHKLKYEN
YTSSFFIRDI IKPDPPKNLQ LKPLKNSRQV EVSWEYPDTW STPHSYFSLT FCVQVQGKSK REKKDRVFTD
KTSATVICRK NASISVRAQD RYSSSWSEW ASVPCS