

32-20433: Recombinant Human IL-10(Discontinued)

Reactivity : Human, Monkey, Mouse, Virus

Alternative Name : B-TCGF, CSIF, TGIF

Description

Source: *E.coli* IL-10 is an immunosuppressive cytokine produced by a variety of mammalian cell types including macrophages, monocytes, T cells, B cells and keratinocytes. IL-10 inhibits the expression of proinflammatory cytokines such as IL-1 and TNF-Alpha. Like IL-4, IL-10 enhances humoral immune responses and attenuates cell-mediated immune reactions. Human IL-10 is active on murine cells, but murine IL-10 is inactive on human cells. Recombinant Human IL-10 is an 18.6 kDa protein of 161 amino acid residues.

Product Info

Amount : 2 µg / 10 µg

Purification : Purity: >= 98% by SDS-PAGE gel and HPLC analyses.

Content : This recombinant protein is supplied in lyophilized form.

Amino Acid : MSPGQGTQSE NSCTHFPGNL PNMLRDLRDA FSRVKTFQMQ KDQLDNLLLK ESLEDFKGY LGCQALSEMI QFYLEEVMPO AENQDPDIKA HVNSLGENLK TLRLRLRRCH RFLPCENKSK AVEQVKNAFN KLQEKGIYKA MSEFDIFINY IEAYMTMKIR N

Application Note

Determined by the dose-dependent co-stimulation (with human IL-4) of MC/9 cells. The ED_{50} was found to be ≤ 2.0 ng/ml, corresponding to a specific activity of $\geq 5 \times 10^5$ units/mg.