

32-20429: Recombinant Human IL-7(Discontinued)

Reactivity : Human, Monkey, Mouse, Rabbit, Rat

Alternative Name : Lymphopoietin 1(LP-1), pre-B cell factor

Description

Source: *E.coli* IL-7 is a hematopoietic growth factor that primarily affects early B and T cells. Produced by thymic stromal cells, spleen cells and keratinocytes, IL-7 can also co-stimulate the proliferation of mature T cells in combination with other factors, such as ConA and IL-2. Human and murine IL-7 are cross-species reactive. Recombinant Human IL-7 is a 17.4 kDa protein containing 153 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 : MDCDIEGKDG KQYESVLMVS IDQLLDMSKE IGSNCLNNEF NFFKRHICDA NKEGMFLFRA ARKLRQFLKM
NSTGDFDLHL LKVSEGTTL LNCTGQVKGR KPAALGEAQP TKSLEENKSL KEQKKLNDLC FLKRLLEIK
TCWNKILMGT KEH

Application Note

The ED_{50} was determined by the dose-dependent stimulation of the proliferation of murine 2E8 cells is ≤ 0.5 ng/ml, corresponding to a specific activity of $\geq 2 \times 10^6$ units/mg.