

32-20362: Animal-Free Recombinant Human IL-7(Discontinued)

Reactivity : Human

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 IDQLLDISMKE IGSNCLNNEF NFFKRHICDA NKEGMFLFRA ARKLRQFLKM
NSTGDFDLHL LKVSEGTTL LNCTGQVKGR KPAALGEAQP TKSLEENKSL KEQKKLNDLC FLKRLLEIK
TCWNKILMGT KEH

Application Note

Determined by its ability to stimulate the proliferation of mouse 2E8 cells. The expected ED₅₀ is <=0.5 ng/ml, corresponding to a specific activity of >= 2 x 10⁶ units/mg.