

## 32-20507: Recombinant Rat IL-7(Discontinued)

**Reactivity :** Mouse

**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 is cross-species reactive. Recombinant Rat IL-7 is a 15.0 kDa protein containing 130 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 :** MDCHIKDKDG KAFGSVLMIS INQLDKMTGT DSDCPNNEPN FFKKHLRDDT KEAAFLNRAA RKLRLQFLKMN  
ISEEFNDHLL RVSDGTQTLV NCTSKEEKTI KEQKKNDDPCF LKRLLEIKT CWNKILKGS

### Application Note

The ED<sub>50</sub> was determined by the dose-dependent stimulation of the proliferation of murine 2E8 cells is < 2.0 ng/ml, corresponding to a specific activity of > 5 x 10<sup>6</sup> units/mg.