

## IL7

### Recombinant Human Interleukin-7 (aa 26-177) His

<b>Catalog No.</b>	CRI210A	<b>Quantity:</b>	2 µg
	CRI210B		10 µg
	CRI210C		1.0 mg

**Alternate Names:** Lymphopoietin 1 (LP-1), pre-B cell factor, IL-7.

**Description:** Interleukin-7 is a potent lymphoid cell growth factor produced primarily by stromal cells. IL-7 has been shown to support the proliferation and differentiation of pre B- and early T cells as well as displaying a biological effect on cells of NK and myeloid lineages. IL-7 Human Recombinant produced in E.Coli is single, a non-glycosylated, Polypeptide chain containing 152 amino acids fragment (26-177).

**Physical Appearance:** Sterile Filtered clear solution.

**GenelD:** 3574

**Source:** *E. coli*

**Molecular Mass:** 21.97 kDa with an amino-terminal hexahistidine tag.

**Formulation:** Interleukin -7 His is supplied in 1x PBS and 50% glycerol.

**Purity:** Greater than 95.0% as determined by  
(a) Analysis by RP-HPLC.  
(b) Analysis by SDS-PAGE.

**Purification:** The IL-7 His-Tag protein is purified by proprietary chromatographic techniques.

**Storage & Stability:** Store at 4°C if entire vial will be used within 2-4 weeks.  
Store, frozen at -20°C for longer periods of time.  
**Please avoid freeze thaw cycles.**

**NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.**

