



Product Datasheet

Product Name	Interleukin-7 Human Recombinant, His Tag
Cata No	CB500387
Source	<i>Escherichia Coli.</i>
Synonyms	Lymphopietin 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) and having a total molecular mass of 21.97 kDa with an amino-terminal hexahistidine tag.

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

Physical Appearance

Sterile Filtered clear solution.

Purity

Greater than 95.0% as determined by:

(a) Analysis by RP-HPLC.

(b) Analysis by SDS-PAGE.

Formulation

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

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.