



Interleukin-7, His Tag, human recombinant (rHuIL-7-His)

Catalog No: 95017
Lot No: XXXXX
Source: *E. coli*
Synonyms: Lymphopoietin 1 (LP-1), pre-B cell factor, IL-7

Background

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.

Description

Interleukin-7 human recombinant produced in *E. coli* is single, a non-glycosylated, polypeptide chain containing 152 amino acids (26-177) and having a total molecular mass of 21.97 kDa with an N-terminal hexahistidine tag. IL-7 His is purified by proprietary chromatographic techniques.

Physical Appearance

Sterile filtered clear solution.

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.

Purity

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

Usage

This product is offered by Biomol for research purposes only. Not for diagnostic purposes or human use. It may not be resold or used to manufacture commercial products without written approval of Biomol GmbH.