

Recombinant Rat IL-7 Protein

Catalog Number: PROTP56478-1

Overview

Product Name	Recombinant Rat IL-7 Protein
Description	IL-7 is a hematopoietic growth factor which affects primarily 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.
Size	Various Sizes
Tag	
Form	Solid; white powder or thin/invisible film
Source	E. Coli
Formulation	Protein concentration verified by UV Spectroscopy and/or SDS-PAGE gel.

Concentration

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Purity

Biological Activity And Protein Authenticity

The ED₅₀ 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 10⁶ units/mg.

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Usage

Boster's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

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