

IL-7/LP-1, Human, Recombinant

货号: PCK079

产品信息

别名 Lymphopoietin 1(LP-1), pre-B-cell factor Pricella

物种 Human

表达宿主 E.coli

序列信息 MDCDIEGKDGKQYESVLMVSIDQLLDSMKEIGSNCLNNEFNFFKRHICDAN

> KEGMFLFRAARKLRQFLKMNSTGDFDLHLLKVSEGTTILLNCTGQVKGRK PAALGEAQPTKSLEENKSLKEQKKLNDLCFLKRLLQEIKTCWNKILMGTKE

H with polyhistidine tag at the C-terminus.

检索号 P13232.1

分子量 18.3 kDa

标签 His-tag at the C-terminus

生物活性 Measured in a cell proliferation assay using PHA-activated human peripheral blood

lymphocytes (PBMC). The ED50 for this effect is <0.8 ng/mL. The specific

activity of recombinant human IL-7 is $> 7 \times 10^8$ IU/mg.

产品特性

纯度 >95% as determined by SDS-PAGE. Ni-NTA chromatography.

内毒素 <0.1 EU per 1 µg of the protein by the LAL method.

保存 Lyophilized protein should be stored at -5~-20°C for 1 year. Upon reconstitution,

> store at 2-8°C for up to 1 week. Further dilute in a buffer containing a carrier protein or stabilizer (e.g.0.1% BSA,10%FBS,5%HSA or 5% trehalose solution),

protein aliquots should be stored at -5~-20°C or -80°C for 3-6 months.

运输 Ambient temperature or ice pack.

制剂 The protein was lyophilized from a 0.2 µm filtered solution containing 1X PBS, pH

8.0.

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复融

It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100 μ g/mL.Do Not Vortex! Vigorous shaking may impair the biological activity of the protein.

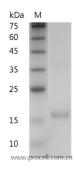
背景介绍

Interleukin 7 (IL-7) is a protein that in humans is encoded by the IL7 gene. IL-7 stimulates the differentiation of multipotent (pluripotent) hematopoietic stem cells into lymphoid progenitor cells. It is important for proliferation during certain stages of B-cell maturation, T and NK cell survival, development and homeostasis.

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SDS-PAGE

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