

## IL-7/LP-1, Mouse, Recombinant

货号: PCK352

## 产品信息

别名 Lymphopoietin 1(LP-1), pre-B-cell factor, hlb368, A630026I06Rik Pricella

物种 Mouse

表达宿主 E.coli

序列信息 MECHIKDKEGKAYESVLMISIDELDKMTGTDSNCPNNEPNFFRKHVCDDTK

EAAFLNRAARKLKQFLKMNISEEFNVHLLTVSQGTQTLVNCTSKEEKNVKE

QKKNDACFLKRLLREIKTCWNKILKGSI with polyhistidine tag at the C-

terminus.

检索号 P10168.1

分子量 15.84 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 <0.2 ng/mL. The specific activity

of recombinant mouse IL-7 is  $> 5 \times 10^6$  IU/mg. procel

产品特性

纯度 >98% 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

7.4.

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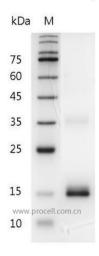
## 复融

It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100 µg/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.

SDS-PAGE



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