

**Product Name: Recombinant Human IL-2 (aldesleukin)**  
**Catalog #: PEH1851**

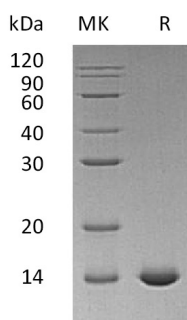


## 概述 (Summary)

英文全称	IL-2/Interleukin-2/T cell growth factor/TCGF (C145S)
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human Interleukin-2 is produced by our E.coli expression system and the target gene encoding Pro22-Thr153(Cys145Ser) is expressed.
Accession #	P60568
蛋白标签 (Tag)	
表达宿主 (Host)	E.coli
种属 (Species)	Human
预测分子量 (Predicted MW)	15.5 KDa
蛋白形态 (Form)	Lyophilized from a 0.2 μm filtered solution of 10mM Acetata-Na, 5% Trehaiose, pH 4.5.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
复溶 (Reconstitution)	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## 电泳图 (SDS-PAGE image)

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## 背景 (Background)

### 分子别名 (Alternative Names)

Interleukin-2; IL-2; T-cell growth factor; TCGF; Aldesleukin

### 背景介绍 (References)

Recombinant Human Interleukin-2 is a highly purified protein with a molecular weight of approximately 15,300 Daltons. The chemical name is des-alanyl-1, serine-145 Human Interleukin-2. It is produced by recombinant DNA technology using a genetically engineered E. coli strain containing an analog of the human interleukin-2 gene. Genetic engineering techniques were used to modify the Human IL-2 gene, and the resulting expression clone encodes a modified Human IL-2. This recombinant form differs from native Interleukin-2 in following ways: it is not glycosylated; the molecule has serine substituted for cysteine at amino acid position 145; the aggregation state of molecule is likely to be different from that of native IL-2.

## 注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.