

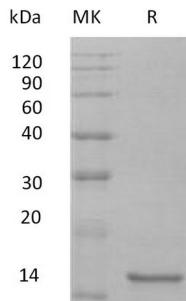


**Product Name: Recombinant Mouse IL-10**  
**Catalog #: PEM0858**

## 概述 (Summary)

<b>英文全称</b>	IL-10/Interleukin-10
<b>纯度 (Purity)</b>	Greater than 95% as determined by reducing SDS-PAGE
<b>内毒素 (Endotoxin level)</b>	<0.01 EU/μg as determined by LAL test.
<b>蛋白构建 (Construction)</b>	Recombinant Mouse Interleukin-10 is produced by our E.coli expression system and the target gene encoding Ser19-Ser178 is expressed.
<b>Accession #</b>	P18893
<b>蛋白标签 (Tag)</b>	
<b>表达宿主 (Host)</b>	E.coli
<b>种属 (Species)</b>	Mouse
<b>预测分子量 (Predicted MW)</b>	18.9 KDa
<b>蛋白形态 (Form)</b>	Lyophilized from a 0.2 μm filtered solution of 4mM HCl.
<b>储存缓冲液 (Buffer)</b>	
<b>运输方式 (Shipping)</b>	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
<b>稳定性&amp;储存 (Stability &amp;Storage)</b>	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.
<b>复溶 (Reconstitution)</b>	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)



## 背景 (Background)

### 分子別名 (Alternative Names)

Interleukin-10; IL10; IL-10; Cytokine synthesis inhibitory factor; CSIF

### 背景介绍 (References)

Mouse IL10 is the prototypic member of the IL-10 cytokine family, including IL-10, IL-19, IL-20, IL-22 (IL-TIF), IL-24 and IL-26. Many viruses encode viral members of the IL-10 family, such as Epstein-Barr virus (EBV) and human cytomegalovirus (HCMV). Its main function is inhibiting the synthesis of a number of cytokines, including IFN-gamma, IL-2, IL-3, TNF and GM-CSF produced by activated macrophages and by helper T-cells. Although human and mouse IL-10 are 81% identical at the nucleotide and amino acid level, mouse IL-10 is species-specific and does not act on human cells. Interestingly, Human IL-10 is active on mouse cells.

## 注意事项 (Note)

For Research Use Only, Not for Diagnostic Use.