

IL-22, Mouse, Recombinant

货号：PCK255

产品信息

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| 别名 | Interleukin-22; IL-22; IL-10-Related T-Cell-Derived-Inducible Factor; IL-TIF; IL-TIF Alpha; Interleukin-22a; IL-22a; Il22; Il22a; Iltif; Iltifa |
| 物种 | Mouse |
| 表达宿主 | E.coli |
| 序列信息 | Leu34-Val179 |
| 检索号 | Q9JJY9 |
| 分子量 | 16.7 kDa |

产品特性

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| 纯度 | >95% as determined by reducing SDS-PAGE. |
| 内毒素 | <1.0 EU per µg as determined by LAL test. |
| 保存 | Lyophilized protein should be stored at -5~-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 -5~-20°C for 3 months. |
| 运输 | Ambient temperature or ice pack. |
| 制剂 | Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.0. |



复融

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

背景介绍

Interleukin-22 (IL-22) was initially identified as a gene induced by IL-9 in mouse T cells and mast cells. Mouse IL-22 cDNA encodes a 179 amino acid residue Protein with a putative 33 amino acid signal peptide that is cleaved to generate a 147 amino acid mature Protein that shares approximately 79% and 22% sequence identity with human IL22 and IL10, respectively. IL22 has been shown to activate STAT-1 and STAT-3 in several hepatoma cell lines and up-regulate the production of acute phase Proteins. IL-22 is produced by normal mouse T cells upon Con A activation. Mouse IL-22 expression is also induced in various organs upon lipopolysaccharide injection, suggesting that IL-22 may be involved in inflammatory responses. The functional IL-22 Receptor complex consists of two Receptor subunits, IL-22R (previously an orphan Receptor named CRF2-9) and IL-10R β (previously known as CRF2-4), belonging to the class II Cytokine Receptor family.

SDS-PAGE