

IL-22, Mouse, Recombinant

货号: PCK255

产品信息

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

纯度 >95% as determined by reducing SDS-PAGE.

<1.0 EU per µg as determined by LAL test. 内毒素

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.

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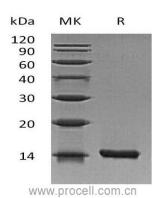
复融

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-10Rβ (previously known as CRF2-4), belonging to the class II Cytokine Receptor family.

SDS-PAGE



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