

## IL-22 (C-6His), Human, Recombinant

货号: PCK184

# 产品信息

别名 Interleukin-22; IL-22; Cytokine Zcyto18; IL-10-related T-cell-Derived-inducible Pricella

factor; IL-TIF

物种 Human

Human Cells 表达宿主

序列信息 Ala34-Ile179

检索号 Q9GZX6

分子量 17.7 kDa

### 产品特性

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 PBS, pH7.4.

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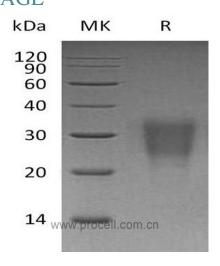
#### 复融

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) is a member of a group of the IL-10 family, a class of potent mediators of cellular inflammatory responses. IL-22 is produced by activated DC and T cells. IL-22 and IL-10 Receptor chains play a role in cellular targeting and signal transduction. It can initiate and regulate innate immune responses against bacterial pathogens especially in epithelial cells such as respiratory and gut epithelial cells. IL-22 along with IL-17 likely plays a role in the coordinated response of both adaptive and innate immune systems. IL-22 also promotes hepatocyte survival in the liver and epithelial cells in the lung and gut similar to IL-10. Biological activity of IL-22 is initiated by binding to a cell-surface complex consisting of IL-22R1 and IL-10R2 Receptor chains. IL-22 biological activity is further regulated by interactions with a soluble binding Protein, IL-22BP. IL-22BP and an extracellular region of IL-22R1 share sequence similarity. In some cases, the pro-inflammatory versus tissue-protective functions of IL-22 are regulated by Cytokine IL-17A. 诺蹇® | Pricella

### SDS-PAGE



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