

### IL-17A/ CTLA-8/ IL-17, Mouse, Recombinant

货号: PCK243

### 产品信息

别名 Interleukin-17A; IL-17; IL-17A; Cytotoxic T-Lymphocyte-Associated Antigen 8;

CTLA-8; IL17A; CTLA8; IL17

物种 Mouse

表达宿主 Human Cells 🏋

序列信息 Thr22-Ala158

检索号 Q62386

分子量 16.2 kDa

标签 C-6His

生物活性 Measured by its ability to induce IL-6 secretion by NIH-3T3 mouse embryonic

fibroblast cells. The ED50 for this effect is 0.25-1.25 ng/ml.

## 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, pH 7.4.

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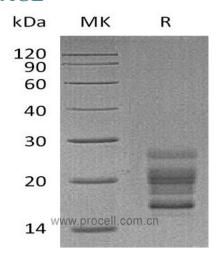
#### 复融

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than  $100 \,\mu\text{g/ml.D}$  is solve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

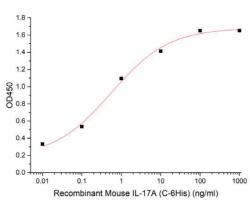
## 背景介绍

Interleukin-17 is a potent pro-inflammatory Cytokine produced by activated memory T cells. There are at least six members of the IL-17 family in humans and in mice. Mature mouse IL-17A shares 61% and 89% amino acid sequence identity with human and rat IL-17A, respectively. As IL-17 shares properties with IL-1 and TNF-alpha, it may induce joint inflammation and bone and cartilage destruction. This Cytokine is found in synovial fluids of patients with rheumatoid arthritis, and produced by rheumatoid arthritis synovium. It increases IL-6 production, induces collagen degradation and decreases collagen synthesis by synovium and cartilage and proteoglycan synthesis in cartilage. IL-17 is also able to increase bone destruction and reduce its formation. Blocking of Interleukin-17 with specific inhibitors provides a protective inhibition of cartilage and bone degradation.

#### SDS-PAGE



# 生物活性



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