

IL-17A/ CTLA8 (C-6His), Human, Recombinant

货号: PCK178

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 Human

Human Cells 表达宿主

序列信息 Gly24-Ala155

检索号 Q16552

分子量 15.9 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 1-10 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.

网站: www.procell.com.cn 电话: 400-999-2100

邮箱: techsupport@procell.com.cn

地址: 湖北省武汉市高新大道858号生物医药产业园三期C4栋







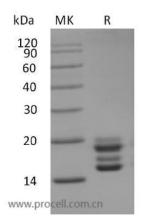
复融

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.

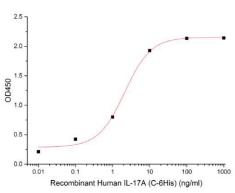
背景介绍

SDS-PAGE

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. 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.



生物活性



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