

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 NIH3T3 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.



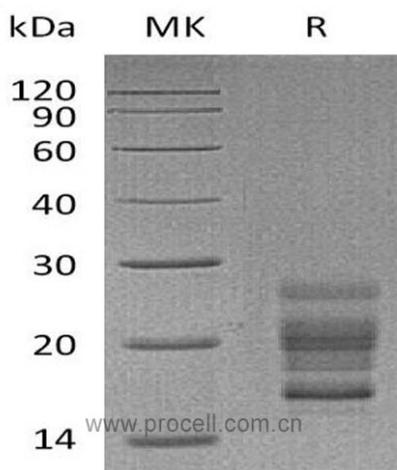
复融

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.

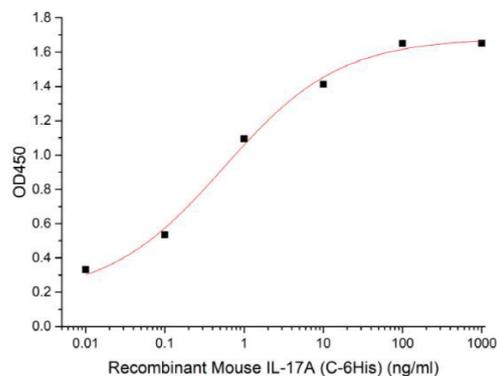
背景介绍

Interleukin-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



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.

