



human IL-17, His tag

E410A10-10

Catalog Number:E410A10-100

Purification:Ni column

Storage:Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

Expression:HEK293FTag: C-His Mol Mass:17kDa

Purity:Greater than 95% as determined by reducing SDS-PAGE.

Form of Antibody:Tris-Gly

Background: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 TNFalpha, 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.

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