

32-13654: IL17A Canine

Format : IL17A protein (0.5mg/ml) contains 10% glycerol and Phosphate-Buffered Saline (pH 7.4).
Alternative Name : IL17A, IL17, IL-17A, CTLA8, CTLA8, Interleukin 17A, Interleukin-17A, cytotoxic T-lymphocyte-associated serine esterase 8.

Description

Source:HEK293 cells.

Physical Appearance:Sterile filtered colorless solution.

Biological ActivityThe activity is determined by the IL-6 ELISA in a using NIH/3T3 mouse embryonic fibroblast cells. The ED50 range = 10 ng/ml.

IL17 is a proinflammatory cytokine produced by activated T cells. IL-17 regulates the activities of NF-kappaB and mitogen-activated protein kinases. Interleukin-17 can stimulate the expression of IL6 and cyclooxygenase-2 (PTGS2/COX-2), as well as enhance the production of nitric oxide (NO). High levels of IL-17 are associated with several chronic inflammatory diseases including rheumatoid arthritis, psoriasis and multiple sclerosis.

IL17A Canine Recombinant produced in HEK293 cells is a single, glycosylated polypeptide chain (29-155a.a) containing 133 amino acids and having a molecular mass of 15.6kDa.IL17A is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount : 10 µg / 2 µg
Purification : Greater than 90.0% as determined by SDS-PAGE.
Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks.Store, frozen at -20°C for longer periods of time.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid : FPQNPGRNT EDKNFPQHVK VNLNILNRNT NSRRPSDYNN RSTSPWNLHR NEDPERYPSV IWEAKCRHLG CVNNEGNINY HMNSVPIQQE ILVLRRESQH CPHSFRLEKM LVAVGCTCVT PIVRHVAHHH HHH