9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

IL17A Canine

Interleukin 17A Canine Recombinant
CYK0374

Product Overview

Name	IL17A Canine
Description	
Interleukin 17A Canine Recombinant	
Accession (Primary)	C6L8D7
Synonyms	
IL17A, IL17, IL-17A, CTLA8, CTLA8, Interleukin 17A, Interleukin-17A, cytotoxic T-lymphocyte-associated serine esterase 8.	
Introduction	
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.	
Source	
HEK293 cells.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
IL17A protein (0.5mg/ml) contains 10% glycerol and Phosphate-Buffered Saline (pH 7.4).	
Stability	
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.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
FPQNPGCRNT EDKNFPQHVK VNLNILNRNT NSRRPSDYYN RSTSPWNLHR NEDPERYPSV IWEAKCRHLG CVNNEGNINY HMNSVPIQQE ILVLRRESQH CPHSFRLEKM LVAVGCTCVT PIVRHVA HHH HHH	
Biological Activity	
The activity is determined by the IL-6 ELISA in a using NIH/3T3 mouse embryonic fibroblast cells. The ED50 range ≤	

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10 ng/ml.

Precautions

IL17A Canine is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (C6L8D7)