

## IL 17 Human, His

**Description:** Interleukin-17A Human Recombinant produced in E.Coli is a single, non-glycosylated, Polypeptide chain containing 132 amino acids fragment (24-155) having a molecular weight of 19.62kDa and fused with a 4.5kDa amino-terminal hexahistidine tag. The IL-17A His is purified by proprietary chromatographic techniques.

Catalog #: CYP5-669

For research use only.

**Synonyms:** CTLA-8, IL-17, IL-17A, Cytotoxic T-lymphocyte-associated antigen 8, IL17A.

**Source:** Escherichia Coli.

**Physical Appearance:** Sterile Filtered clear solution.

**Purity:** Greater than 95.0% as determined by SDS-PAGE.

**Formulation:**

Interleukin-17 protein solution (0.171mg/ml) is supplied in 25mM Na-Acetate pH 4.8 and 50% glycerol.

**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. Please avoid freeze thaw cycles.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**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.

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