

## 32-20379: Recombinant Human IL-17A(Discontinued)

**Reactivity :** Cow, Human, Mouse, Rat

**Alternative Name :** IL-17, CTLA-8

### Description

**Source:** **E.coli** The originally described IL-17 protein, now known as IL-17A, is a homodimer of two 136 amino acid chains that are secreted by activated T-cells, which act on stromal cells to induce production of proinflammatory and hematopoietic bioactive molecules. Today, IL-17 represents a family of structurally-related cytokines that share a highly conserved C-terminal region, but differ from one another in their N-terminal regions and in their distinct biological roles. The six known members of this family, IL-17A through IL-17F, are secreted as homodimers. IL-17A exhibits cross-species bioactivity between human and murine cells. Recombinant Human IL-17A is a 31.3 kDa, disulfide-linked homodimer of two 137 amino acid, polypeptide chains.

### Product Info

**Amount :** 5 µg / 25 µg

**Purification :** Purity: >= 98% by SDS-PAGE gel and HPLC analyses.

**Content :** This recombinant protein is supplied in lyophilized form.

**Amino Acid :** MIVKAGITIP RNP GCPNSED KNFPRTVMVN LNIHNRNTNT NPKRSSDYNN RSTSPWNLHR NEDPERYPSV  
IWEAKCRHLG CINADGNVDY HMNSVPIQQE ILVLRREPPH CPNSFRLEKI LSVSGCTCVT PIVHHVA

### Application Note

Measured by its ability to induce IL-6 production by NHDF cells using a concentration range of 0.5-1.5 ng/ml.