

## Recombinant Rat Interleukin-17 (IL-17)

**CATALOG #:** 4178-10 10 µg  
4178-1000 1 mg

**LOT #:** \_\_\_\_\_

**SOURCE:** *E. coli*

**PURITY:** >95% by SDS-PAGE and HPLC analysis  
Endotoxin level is <0.1 ng per µg of IL-17.

**MOL. WEIGHT:** 30 kDa

**FORM:** Lyophilized (from 10 mM Sodium Citrate, pH 3.0).

### RECONSTITUTION:

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 µg/µl (Note: Gently pipetting to dissolve). The solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or -20°C for future use.

### STORAGE CONDITIONS:

The lyophilized IL-17 is best-stored desiccated below 0°C. Reconstituted IL-17 should be stored at working aliquots at -20°C. For long term storage it is recommended to add a carrier protein (e.g., 0.1% BSA).

### DESCRIPTION:

Recombinant rat IL-17 produced from *E. coli* is a homodimeric, non-glycosylated polypeptide containing 268 amino acids and has a molecular weight of 30 kDa.

### BIOLOGICAL ACTIVITY:

The rat IL-17 is fully biologically active when compared to standards via dose-dependent induction of IL-6 production in cultured mouse NIH 3T3 fibroblast. The ED<sub>50</sub> for recombinant rat IL-17A in this assay was 30 ng/ml.

**FOR RESEARCH USE ONLY! Not to be used in humans.**

### RELATED PRODUCTS:

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- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

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- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

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