

Recombinant Rat Interleukin-17 (IL-17A)

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 ED₅₀ for recombinant rat IL-17A in this assay was 30 ng/ml.

RELATED PRODUCTS:

Apoptosis Detection Kits & Reagents

- Annexin V Kits & Bulk Reagents
- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

Cell Fractionation System

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

Cell Proliferation & Senescence

- Quick Cell Proliferation Assay Kit
- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
- Live/Dead Cell Staining Kit

Cell Damage & Repair

- HDAC Fluorometric & Colorimetric Assays & Drug Discovery Kits
- HAT Colorimetric Assay Kit & Reagents
- DNA Damage Quantification Kit
- Glutathione & Nitric Oxide Fluorometric & Colorimetric Assay Kits

Signal Transduction

- cAMP & cGMP Assay Kits
- Akt & JNK Activity Assay Kits
- Beta-Secretase Activity Assay Kit

Adipocyte & Lipid Transfer

- Recombinant Adiponectin, Survivin, & Leptin
- CETP Activity Assay & Drug Discovery Kits
- PLTP Activity Assay & Drug Discovery Kits
- Total Cholesterol Quantification Kit

Molecular Biology & Reporter Assays

- siRNA Vectors
- Cloning Insert Quick Screening Kit
- Mitochondrial & Genomic DNA Isolation Kits
- 5 Minutes DNA Ligation Kit
- 20 Minutes Gel Staining/Destaining Kit
- β-Galactosidase Staining Kit & Luciferase Reporter Assay Kit

Growth Factors and Cytokines

Monoclonal and Polyclonal Antibodies