

Recombinant Murine Interleukin-17 (IL-17)

CATALOG #: 4177-10 10 µg
4177-1000 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 1 mg/ml with no additives).

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 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.

DESCRIPTION:

Recombinant murine IL-17 is a homodimeric, non-glycosylated polypeptide containing 266 amino acids and has a molecular weight of 30 kDa.

BIOLOGICAL ACTIVITY:

The mouse IL-17 is fully biologically active when compared to standard. The ED₅₀ as determined by the dose-dependent secretion of IL-6 by NIH 3T3 cells was found to be 1.0 – 10.0 ng/ml.

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

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