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Datasheet for ABIN6700950

## IL-17A/F Protein

### 2 Images

#### Overview

Quantity:	5 µg
Target:	IL-17A/F
Origin:	Rat
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

#### Product Details

Characteristics:	IL17 heterodimer, IL17AF heterodimer, CTLA-8 ML-1 dimer, Interleukin 17AF, Interleukin-17AF heterodimer
Purification:	Interleukin-17AF Heterodimer purity was determined to be greater than 98% as determined by HpLC, analysis by UV-Spectroscopy at 280nm, and by reducing and non-reducing SDS-pAGE.
Endotoxin Level:	Low endotoxin

#### Target Details

Target:	IL-17A/F
Alternative Name:	IL-17AF Heterodimer ( <a href="#">IL-17A/F Products</a> )
UniProt:	<a href="#">Q61453</a>

#### Application Details

Application Notes:	Application Note: Interleukin-17AF Heterodimer Recombinant Protein is suitable as a control for polyclonal or monoclonal anti-Interleukin-17AF Heterodimer in immunological assays.
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## Application Details

Other Performance Data: Endotoxin Level: Measured by kinetic LAL analysis and is typically  $\leq 1$  EU/ $\mu\text{g}$  protein. Biologic Activity: The activity is determined by the dose-dependent induction of IL-6 production in cultured mouse NIH 3T3 fibroblasts and is typically 20-30 ng/mL.

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Reconstitution Volume: 5  $\mu\text{L}$  (5-50  $\mu\text{L}$ )  
Reconstitution Buffer: Restore with deionized water (or equivalent)

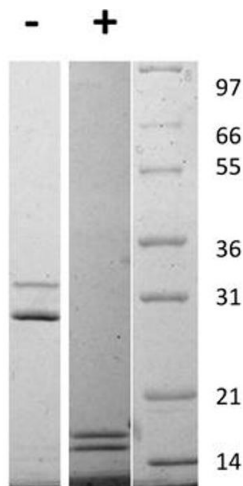
Buffer: Buffer: 0.1 % Trifluoroacetic acid

Preservative: Without preservative

Storage: RT, 4 °C, -20 °C

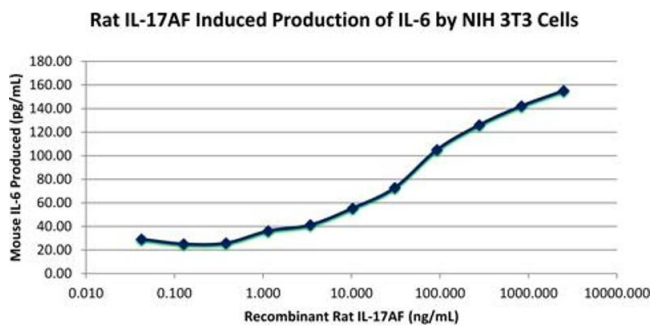
Expiry Date: 6 months

## Images



### SDS-PAGE

**Image 1.** SDS-PAGE of Rat Interleukin-17AF Heterodimer Recombinant Protein SDS-PAGE of Rat Interleukin-17 Animal Free Recombinant Protein. Lane 1: 1  $\mu\text{g}$  Rat IL-17 AF in non-reducing conditions . Lane 2: 1  $\mu\text{g}$  Rat IL-17 AF in reducing conditions (+). Lane 3: Molecular weight marker. Rat IL-17AF is a heterodimer with a predicted total MW of 30.7 kDa.



## SDS-PAGE

**Image 2.** SDS-PAGE of Rat Interleukin-17AF Heterodimer Recombinant Protein Bioactivity of Rat Interleukin-17 AF Heterodimer Recombinant Protein. Serial dilutions of Rat IL-17 AF (starting at 2.5 ug/mL) were added to NIH 3T3 cells. After 48 hours, production of mouse IL-6 was measured and the linear portion of the curve was used to calculate the ED50. The ED50 of Rat IL-17 AF is between 15.3-23 ng/mL. There is no typical range for Rat IL-17AF .