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Datasheet for ABIN6700928

IL-17A/F Protein

2 Images

Overview

Quantity:	5 µg
Target:	IL-17A/F
Origin:	Human
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 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 (IL-17A/F Products)
UniProt:	Q16552

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 ≤ 1 EU/ μ g protein. Biologic Activity: The activity is determined by a dose-dependent production of IL-6 in cultured mouse NIH 3T3 fibroblasts and is typically 3-15 ng/mL.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitution Volume: 5 μ L (5-50 μ L)
Reconstitution Buffer: Restore with deionized water (or equivalent)

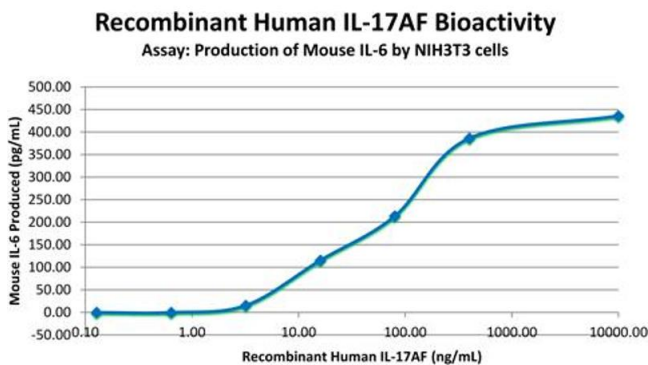
Buffer: Buffer: 0.1 % Trifluoroacetic acid

Preservative: Without preservative

Storage: RT, 4 °C, -20 °C

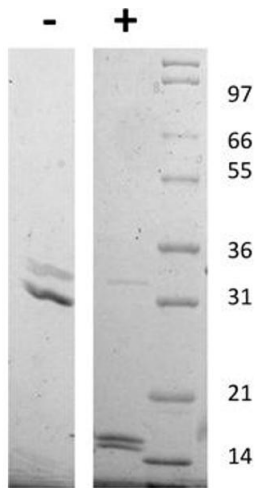
Expiry Date: 6 months

Images



SDS-PAGE

Image 1. SDS-PAGE of Human Interleukin-17AF Heterodimer Recombinant Protein Bioactivity of Human Interleukin-17 Animal Free Heterodimer Recombinant Protein. Serial dilutions of Human IL-17 AF (starting at 1 μ g/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 Human IL-17 AF is between 2.6-3.8 ng/mL. This value is comparable to the typical expected range of 3-15 ng/mL.



SDS-PAGE

Image 2. SDS-PAGE of Human Interleukin-17AF Heterodimer Recombinant Protein SDS-PAGE of Human Interleukin-17 Animal Free Recombinant Protein. Lane 1: 1 µg Human IL-17 AF in non-reducing conditions . Lane 2: 1 µg Human IL-17 AF in reducing conditions (+). Lane 3: Molecular weight marker. Human IL-17 AF is a heterodimer with a predicted total MW of 30.7 kDa.