

Datasheet for ABIN6700099

IL-25 Protein**2** Images[Go to Product page](#)

Overview

Quantity:	2 µg
Target:	IL-25 (IL25)
Origin:	Rat
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Characteristics:	Interleukin-25, IL-25, Interleukin-17E, IL-17E, IL25, IL17E
Purification:	Interleukin-17E (IL-25) purity was determined to be greater than 97% 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-25 (IL25)
Alternative Name:	IL-17E (IL-25) (IL25 Products)
UniProt:	D3ZLB1

Application Details

Application Notes:	Application Note: Interleukin-17E Recombinant Protein is suitable as a control for polyclonal or monoclonal anti-Interleukin-17E in immunological assays. Other Performance Data: Endotoxin Level: Measured by kinetic LAL analysis and is typically ≤ 1
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Application Details

EU/ μ g protein. Biologic Activity: The activity is measured by the dose-dependent induction of human IL-8 production in cultured human PBMCs and is typically less than 100 ng/mL.

Restrictions: For Research Use only

Handling

Format: Lyophilized

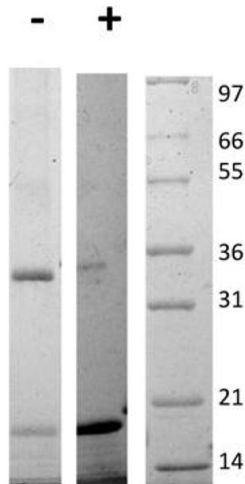
Reconstitution: Reconstitution Volume: 2 μ L (2-20 μ L)
Reconstitution Buffer: Restore with deionized water (or equivalent)

Preservative: Without preservative

Storage: RT, 4 $^{\circ}$ C, -20 $^{\circ}$ C

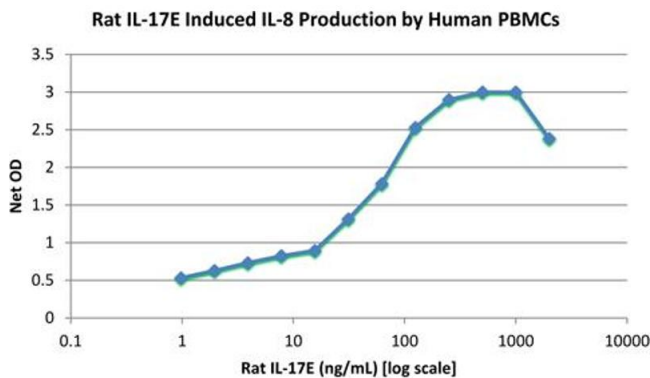
Expiry Date: 6 months

Images



SDS-PAGE

Image 1. SDS-PAGE of Rat Interleukin-17E (IL-25) Recombinant Protein. Lane 1: 1 μ g Rat IL-17E in non-reducing conditions. Lane 2: 1 μ g Rat IL-17E in reducing conditions (+). Lane 3: Molecular weight marker. Rat IL-17E is a homodimer with a predicted total MW of 35.5 kDa.



SDS-PAGE

Image 2. SDS-PAGE of Rat Interleukin-17E (IL-25) Recombinant Protein Bioactivity of Rat Interleukin-17E (IL-25) Recombinant Protein. Human PBMCs were cultured with 0 to 2000 ng/mL Rat IL-17E. Human IL-8 production was measured after 48 hours and the linear portion of the curve was used to calculate the ED50. The ED50 of Rat IL-17E is 25-37.5 ng/mL.