

Datasheet for ABIN6700091

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

Overview

Quantity:	5 µg
Target:	IL-25 (IL25)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Characteristics:	IL17E
Purification:	Interleukin-17E (IL-25) purity was determined to be greater than 95% 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:	Q9H293

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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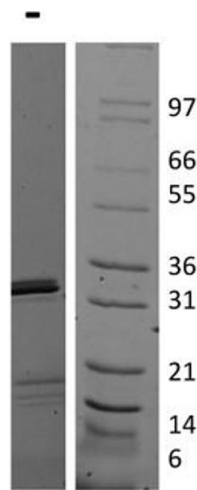
Application Details

	EU/μg protein. Biologic Activity: The activity is determined by the dose-dependant production of IL-8 from cultured human PBMCs and is typically 10-100 ng/mL.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitution Volume: 5 μL (5-50 μL) Reconstitution Buffer: 0.01M HCl
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-17E (IL-25) Recombinant Protein SDS-PAGE of Human Interleukin-17E (IL-25) Recombinant Protein. Lane 1: 1 μg Human IL-17E in non-reducing conditions . Lane 2: Molecular weight marker. Human IL-17E is a homodimer with a predicted total MW of 33.8 kDa.

SDS-PAGE

Image 2. SDS-PAGE of Human Interleukin-17E (IL-25) Recombinant Protein Bioactivity of Human Interleukin-17E (IL-25) Recombinant Protein. Human PBMCs were cultured with 0 to 1000 ng/mL Human 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 Human IL-17E is 62-94 ng/mL. This value is comparable to the expected range of 10-100 ng/mL.

