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Datasheet for ABIN7505796  
**IL12B Protein (AA 1-335) (His tag)**

### Overview

Quantity:	100 µg
Target:	IL12B
Protein Characteristics:	AA 1-335
Origin:	Rat
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL12B protein is labelled with His tag.

### Product Details

Sequence:	Met1-Ser335
Characteristics:	A DNA sequence encoding the Rat IL-23(IL12b) protein (E9PU71) (Met1-Ser335) was expressed with a C-His.
Purity:	>95 % as determined by reducing SDS-PAGE.

### Target Details

Target:	IL12B
Alternative Name:	Interleukin-12 subunit beta ( <a href="#">IL12B Products</a> )
Background:	Background: Associates with IL23A to form the IL-23 interleukin, a heterodimeric cytokine which functions in innate and adaptive immunity. IL-23 may constitute with IL-17 an acute response to infection in peripheral tissues. IL-23 binds to a heterodimeric receptor co Synonym: Interleukin-12 subunit beta, Cytotoxic lymphocyte maturation factor 40 kDa subunit,

## Target Details

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IL-12 subunit p40, IL12b, rCG\_35081

Molecular Weight: 36.74 kDa

UniProt: [E9PU71](#)

Pathways: [JAK-STAT Signaling](#), [Cellular Response to Molecule of Bacterial Origin](#), [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Activated T Cell Proliferation](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Expiry Date: 12 months