

Datasheet for ABIN1000983  
**IL12B Protein (AA 23-328) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	10 µg
Target:	IL12B
Protein Characteristics:	AA 23-328
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL12B protein is labelled with His tag.
Application:	Western Blotting (WB), Control (Ct)

## Product Details

Purpose:	Interleukin-12p40 (IL-12p40) (Western Blot Control)
Sequence:	IWELKKDVYV VELDWYPDAP GEMVVLTCDT PEEDGITWTL IWELKKDVYV VELDWYPDAP GEMVVLTCDT PEEDGITWTL IWELKKDVYV VELDWYPDAP GEMVVLTCDT PEEDGITWTL IWELKKDVYV VELDWYPDAP GEMVVLTCDT PEEDGITWTL IWELKKDVYV VELDWYPDAP GEMVVLTCDT PEEDGITWTL IWELKKDVYV VELDWYPDAP GEMVVLTCDT PEEDGITWTL IWELKKDVYV VELDWYPDAP GEMVVLTCDT PEEDGITWTL NASISVRAQD RYYSSSWSEW ASVPCS
Characteristics:	recombinant Interleukin-12p40 comprises a 306 amino acid fragment (23-328) corresponding to the mature Interleukin-12p40 chain protein and is expressed in E. coli with an amino-terminal hexahistidine tag.
Purity:	> 95 %

## Target Details

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Target:	IL12B
Alternative Name:	Interleukin-12 p40 ( <a href="#">IL12B Products</a> )
Background:	Active IL-12 is a p70 disulphide-linked dimer composed of p35 and p40 subunits. The protein is a pleiotropic cytokine produced primarily by antigen presenting cells and has multiple effects on T lymphocytes and natural killer cells in terms of stimulating cytotoxicity, proliferation, production of other cytokines and Th1 subset differentiation.,IL-12B, subunit p40, cytotoxic lymphocyte maturation factor 2, p40, natural killer cell stimulatory factor 2, CLMF, CLMF2, NKSF, NKSF2.
Molecular Weight:	39.2 kDa
UniProt:	<a href="#">P29460</a>
Pathways:	<a href="#">JAK-STAT Signaling</a> , <a href="#">Cellular Response to Molecule of Bacterial Origin</a> , <a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Positive Regulation of Immune Effector Process</a> , <a href="#">Activated T Cell Proliferation</a>

## Application Details

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Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Buffer:	Supplied in 1x Laemmli Buffer (25 mM Tris-HCl pH 6.8, 50 mM DTT, 1 % (w/v) SDS, 0.1 % (w/v) Bromophenol Blue, 2.5 % Glycerol).
Preservative:	Dithiothreitol (DTT)
Precaution of Use:	This product contains Dithiothreitol (DTT): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C