

Datasheet for ABIN7387499

**IL12B Protein (AA 30-320) (His tag)**[Go to Product page](#)

## Overview

|                               |                                                                               |
|-------------------------------|-------------------------------------------------------------------------------|
| Quantity:                     | 100 µg                                                                        |
| Target:                       | IL12B                                                                         |
| Protein Characteristics:      | AA 30-320                                                                     |
| Origin:                       | Human                                                                         |
| Source:                       | Escherichia coli (E. coli)                                                    |
| Protein Type:                 | Recombinant                                                                   |
| Purification tag / Conjugate: | This IL12B protein is labelled with His tag.                                  |
| Application:                  | SDS-PAGE (SDS), Western Blotting (WB), Positive Control (PC), Immunogen (Imm) |

## Product Details

|                  |                                                                                               |
|------------------|-----------------------------------------------------------------------------------------------|
| Sequence:        | Val30-Ser320                                                                                  |
| Characteristics: | Recombinant Interleukin 12B (IL12B), Prokaryotic expression, Val30-Ser320, N-terminal His Tag |
| Purity:          | > 97 %                                                                                        |

## Target Details

|                   |                                                                                                                                            |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | IL12B                                                                                                                                      |
| Alternative Name: | Interleukin 12B ( <a href="#">IL12B Products</a> )                                                                                         |
| Background:       | P40, IL12-B, CLMF2, NKSF2, Natural Killer Cell Stimulatory Factor 2, Cytotoxic Lymphocyte Maturation Factor 2, Interleukin 23, P40 Subunit |
| Molecular Weight: | 44kDa                                                                                                                                      |

## Target Details

|           |                                                                                                                                                                                                                                                                                      |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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

|                    |                                                                    |
|--------------------|--------------------------------------------------------------------|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Comment:           | Isoelectric Point:                                                 |
| Restrictions:      | For Research Use only                                              |

## Handling

|                    |                                                                                                                   |
|--------------------|-------------------------------------------------------------------------------------------------------------------|
| Format:            | Lyophilized                                                                                                       |
| Buffer:            | PBS, pH 7.4, containing 0.01 % SKL, 1 mM DTT, 5 % Trehalose and Proclin300.                                       |
| Preservative:      | ProClin                                                                                                           |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage:           | 4 °C, -80 °C                                                                                                      |
| Storage Comment:   | Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.                                           |
| Expiry Date:       | 12 months                                                                                                         |