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Datasheet for ABIN4371190  
**IL12B Protein (AA 23-328)**

### Overview

Quantity:	50 µg
Target:	IL12B
Protein Characteristics:	AA 23-328
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant

### Product Details

Purpose:	Recombinant Human Interleukin-12 Subunit $\beta$ /IL-12 p40/IL-12B
Sequence:	IWELKKDVYV VELDWYPDAP GEMVLTCDT PEEDGITWTL DQSSEVLGSG KTLTIQVKEF GDAGQYTCHK GGEVLSHLL LLHKKEDGIW STDILKDQKE PKNKTLRCE AKNYSGRFTC WWLTTISTDL TFSVKSSRGS SDPQGVTCGA ATLSAERVRG DNKEYEYSVE CQEDSACPAA EESLPIEVMV DAVHKLKYEN YTSSFFIRDI IKPDPPKNLQ LKPLKNSRQV EVSWEYPDTW STPHSYFSLT FCVQVQGKSK REKKDRVFTD KTSATVICRK NASISVRAQD RYYSSSWSEW ASVPCS
Characteristics:	Recombinant Human Interleukin-12 Subunit $\beta$ /IL-12 p40/IL-12B
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

## Target Details

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Target:	IL12B
Alternative Name:	Interleukin-12 Subunit beta ( <a href="#">IL12B Products</a> )
Molecular Weight:	34.6 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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Restrictions:	For Research Use only
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## Handling

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Format:	Lyophilized
Reconstitution:	It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in ddH <sub>2</sub> O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.