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## Datasheet for ABIN7505595 IL12 Protein (AA 23-328)

### Overview

Quantity:	100 µg
Target:	IL12
Protein Characteristics:	AA 23-328
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant

### Product Details

Sequence:	Ile23-Ser328
Characteristics:	A DNA sequence encoding the Human IL12(P40) Protein(P29460)(23-328)was expressed with a polyhistidine tag at the C-terminus.
Purity:	>95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	<1.0 EU per µg of the protein as determined by the LAL method.

### Target Details

Target:	IL12
Alternative Name:	IL12 ( <a href="#">IL12 Products</a> )
Background:	<p>Background: Cytokine that can act as a growth factor for activated T and NK cells, enhance the lytic activity of NK/lymphokine-activated killer cells, and stimulate the production of IFN-gamma by resting PBMC.</p> <p>Synonym: Interleukin-12 subunit beta,Cytotoxic lymphocyte maturation factor 40 kDa</p>

## Target Details

	subunit,CLMF p40,IL-12 subunit p40,IL12b,NKSF2
Molecular Weight:	35 kDa
UniProt:	<a href="#">P29460</a>
Pathways:	<a href="#">JAK-STAT Signaling</a> , <a href="#">TLR 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> , <a href="#">Cancer Immune Checkpoints</a> , <a href="#">Inflammasome</a>

## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4., 5 % trehalose, 5 % mannitol, 0.01 % tween-80.
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