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Datasheet for ABIN7505604

IL12 Protein (AA 1-219) (His tag)

Overview

Quantity:	100 µg
Target:	IL12
Protein Characteristics:	AA 1-219
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL12 protein is labelled with His tag.

Product Details

Sequence:	Met1-Ser219
Characteristics:	A DNA sequence encoding the Human IL-12 protein (P29459) (Met1-Ser219) was expressed with a C-His.
Purity:	>85 % as determined by reducing SDS-PAGE.

Target Details

Target:	IL12
Alternative Name:	IL-12 (IL12 Products)
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: IL-12A, Cytotoxic lymphocyte maturation factor 35 kDa subunit, CLMF p35, IL-12</p>

Target Details

	subunit p35,NK cell stimulatory factor chain 1,NKSF1
Molecular Weight:	25.8 kDa
UniProt:	P29459
Pathways:	JAK-STAT Signaling , TLR Signaling , Cellular Response to Molecule of Bacterial Origin , Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Activated T Cell Proliferation , Cancer Immune Checkpoints , Inflammasome

Application Details

Restrictions:	For Research Use only
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Handling

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