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Datasheet for ABIN7505723
IL12B Protein (AA 1-335)

Overview

Quantity:	100 µg
Target:	IL12B
Protein Characteristics:	AA 1-335
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant

Product Details

Sequence:	Met1-Ser335
Characteristics:	A DNA sequence encoding the Mouse IL-12B(p40) protein (P43432) (1-335) 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:	IL12B
Alternative Name:	IL-12B (IL12B Products)
Background:	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. Synonym: Interleukin-12 subunit beta,Cytotoxic lymphocyte maturation factor 40 kDa

Target Details

subunit,CLMF p40,IL-12 subunit p40,IL12b

Molecular Weight: 37 kDa

UniProt: [P43432](#)

Pathways: [JAK-STAT Signaling](#), [Cellular Response to Molecule of Bacterial Origin](#), [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Activated T Cell Proliferation](#)

Application Details

Restrictions: For Research Use only

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