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Datasheet for ABIN7505593  
**IL-7 Protein (AA 1-177)**

### Overview

Quantity:	100 µg
Target:	IL-7 (IL7)
Protein Characteristics:	AA 1-177
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant

### Product Details

Sequence:	Met1-His177
Characteristics:	A DNA sequence encoding the Human IL-7 protein (P13232) (1-177) 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:	IL-7 (IL7)
Alternative Name:	IL-7 ( <a href="#">IL7 Products</a> )
Background:	Background: Hematopoietic growth factor capable of stimulating the proliferation of lymphoid progenitors. It is important for proliferation during certain stages of B-cell maturation. Synonym: Interleukin-7,IL7
Molecular Weight:	20 kDa

## Target Details

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UniProt: [P13232](#)

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Pathways: [JAK-STAT Signaling](#)

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## Application Details

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Restrictions: For Research Use only

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## Handling

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Format: Lyophilized

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

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Storage: 4 °C,-20 °C,-80 °C

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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.

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Expiry Date: 12 months

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