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Datasheet for ABIN7505403  
**IL-21 Protein (AA 18-146) (His tag)**

### Overview

|                               |  |
|-------------------------------|--|
| Quantity:                     | 100 µg                                       |
| Target:                       | IL-21 (IL21)                                 |
| Protein Characteristics:      | AA 18-146                                    |
| Origin:                       | Mouse  |
| Source:                       | Escherichia coli (E. coli)                   |
| Protein Type:                 | Recombinant                                  |
| Purification tag / Conjugate: | This IL-21 protein is labelled with His tag. |

### Product Details

|                  |  |
|------------------|--|
| Sequence:        | His 18-Ser 146   |
| Characteristics: | A DNA sequence encoding the Mouse IL21 protein (Q9ES17) (His 18-Ser 146) was expressed with a N-His tag. |
| Purity:          | >95 % as determined by reducing SDS-PAGE.  |

### Target Details

|                   |  |
|-------------------|--|
| Target:           | IL-21 (IL21)   |
| Alternative Name: | IL21 ( <a href="#">IL21 Products</a> )   |
| Background:       | Background: Interleukin-21 also known as IL-21 is a protein that in mouse is encoded by the IL21 gene, belongs to the IL-15/IL-21 family. Interleukin-21 is a cytokine that has potent regulatory effects on cells of the immune system, including natural killer (NK) cell<br>Synonym: Interleukin-21,IL-21,IL21,IL21 |

## Target Details

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Molecular Weight: 14.08 kDa

UniProt: [Q9ES17](#)

Pathways: [JAK-STAT Signaling](#), [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Production of Molecular Mediator of Immune Response](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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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