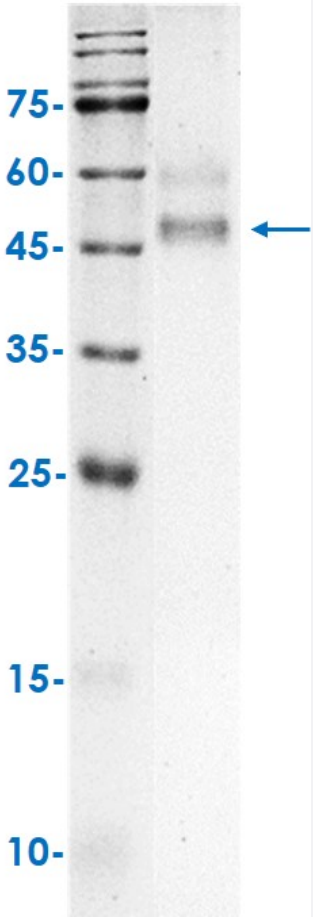
# IL21 (Human) Recombinant Protein

Catalog # P10570 Size 100 ug

## Applications




SDS-PAGE analysis of IL21 (Human) Recombinant Protein.

## Specification

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| **Product Description** | Human IL21 partial recombinant protein with His tag expressed in CHO cells. |

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|---|---|
| **Sequence** | MNRGVPFRHLLLVLQLALLPAATQGKKVVLGKKGDTVELTCTASQKKSIQFHWKNSNQIKILGNQG<br>SFLTKGPSKLNDRADSRRSLWDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVQLLVFGLTANSDTHL<br>LQGQSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLSVSQLELQDSGTWTCTVLQNQKKVEFKID<br>IVVLAFQKASSIVYKKEGEQVEFSFPLAFTVEKLTGSGELWWQAERASSSKSWITFDLKNKEVSV<br>KRVTQDPKLQMGKKLPLHLTLPQALPQYAGSGNLTLALEAKTGKLHQEVNLVVMRATQLQKNLTC<br>EVWGPTSPKLMLSLKLENKEAKVSKREKAVWVLNPEAGMWQCLLSDSGQVLLESNIKVLPTW |
| **Host** | Mammals |
| **Theoretical MW (kDa)** | 41.52 |
| **Reactivity** | Human |
| **Form** | Lyophilized |
| **Preparation Method** | Mammalian cell (CHO) expression system |
| **Purification** | Ni-NTA chromatography |
| **Purity** | > 80% by SDS-PAGE |
| **Endotoxin Level** | < 0.1 EU/ ug of protein by the LAL method. |
| **Quality Control Testing** | SDS-PAGE Stained with Coomassie Blue<br>SDS-PAGE analysis of IL21 (Human) Recombinant Protein. |
| **Recommend Usage** | SDS-PAGE<br>The optimal working dilution should be determined by the end user. |
| **Storage Buffer** | Lyophilized from filtered PBS, pH 7.4. |
| **Storage Instruction** | Store at -20°C for 12 months in lyophilized state.<br>After reconstitution with deionized water, store at -20 or -80°C for 1 month.<br>Aliquot to avoid repeated freezing and thawing. |

## Applications

- SDS-PAGE

## Gene Info — IL21

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|---|---|
| **Entrez GeneID** | 59067 |
| **Protein Accession#** | AAH25782.1 |
| **Gene Name** | IL21 |

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| | |
|---|---|
| **Gene Alias** | IL-21, Za11 |
| **Gene Description** | interleukin 21 |
| **Omim ID** | 605384 |
| **Gene Ontology** | Hyperlink |
| **Other Designations** | interleukin-21 isoform |

## Pathway

- Cytokine-cytokine receptor interaction
- Jak-STAT signaling pathway

## Disease

- Addison Disease
- Alopecia Areata
- Arthritis
- Asthma
- Autoimmune Diseases
- Bronchiolitis
- Carcinoma
- Celiac Disease
- Colitis
- Crohn Disease
- Diabetes Mellitus
- Genetic Predisposition to Disease
- Hypersensitivity
- Infant

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- Inflammation
- Lupus Erythematosus
- Multiple Sclerosis
- Prostatic Neoplasms
- Respiratory Syncytial Virus Infections
- Wegener Granulomatosis

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