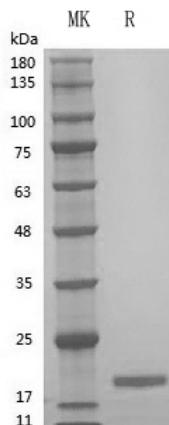


## Summary

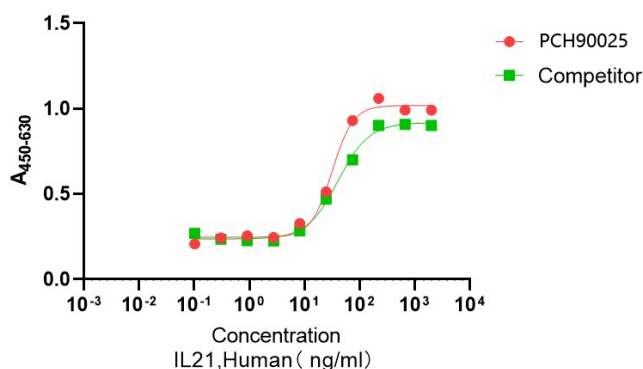
<b>Name</b>	IL-21
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE
<b>Endotoxin level</b>	≤10 EU/mg
<b>Construction</b>	Recombinant Human IL-21 is produced by our Mammalian cell expression system and the target gene encoding His25-Ser162 is expressed.
<b>Accession #</b>	Q9HBE4
<b>Tag</b>	Tag free
<b>Host</b>	Mammalian cell
<b>Species</b>	Human
<b>Predicted MW</b>	15.9 kDa
<b>Form</b>	Lyophilized
<b>Buffer</b>	PBS,5% mannitol and 0.01% Tween 80, pH7.4
<b>Shipping</b>	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
<b>Stability&amp;Storage</b>	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
<b>Reconstitution</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## SDS-PAGE image

**Product Name: GMP Recombinant Human IL-21**  
**Catalog#: PCH90025**



## Bioactivity image



The ED50 for this effect is  $\leq 8$  ng/mL

## Background

### Alternative Names

Interleukin-21; IL-21; Za11; IL21

### References

IL-21 induces the production of IgG1 and IgG3 in B-cells. IL-21 may promote the transition between innate and adaptive immunity. IL-21 may have a role in proliferation and maturation of natural killer cells in synergy with IL15. IL-21 stimulates interferon gamma production in T-cells and natural killer cells by synergy with IL15 and IL18. Dysregulation of IL-21 has a role in multiple immune-mediated diseases including lupus, psoriasis and chronic inflammatory diseases.

## Note

For research use only .

**Product Name: GMP Recombinant Human IL-21**  
**Catalog#: PCH90025**

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