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# Human IL-4 Recombinant Protein (85-172)

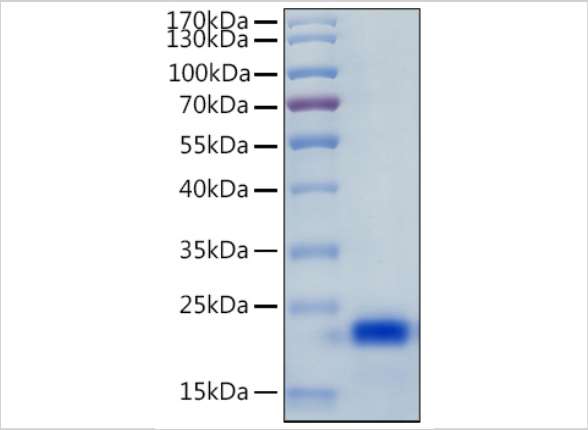
**CATALOG NUMBER: 85-172**

## Specifications

| | |
|---|---|
| **Species** | Human |
| **Source Species** | HEK293 cells |
| **Fusion Tag** | C-His |
| **Tested Applications** | Bioactivity Test, ELISA, Immunogen, SDS-PAGE, WB |
| **Predicted Molecular Weight** | 15.8 kDa |
| **Biological Activity** | Measured in a cell proliferation assay using TF 1 human erythroleukemic cells. The $ED_{50}$ for this effect is 85-340 pg/mL, corresponding to a specific activity of $2.94 \times 10^6$~$1.17\times 10^7$ units/mg. |

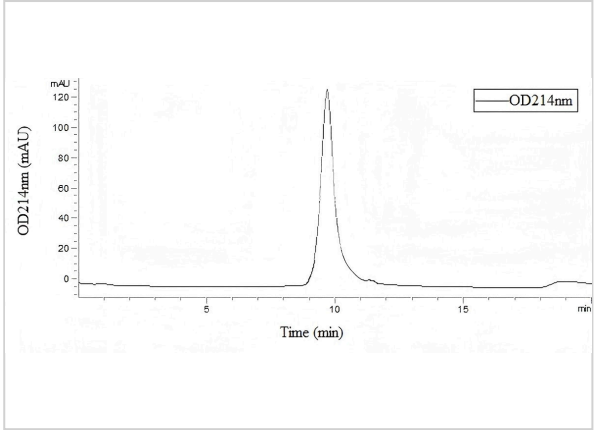
## Properties

| | |
|---|---|
| **Purity** | ≥ 95 % as determined by SDS-PAGE.≥ 95 % as determined by HPLC. |
| **Physical State** | Lyophilized |
| **Buffer** | Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.Contact us for customized product form or formulation. |
| **Storage Conditions** | Store at -20°C.Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.<br>After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. |



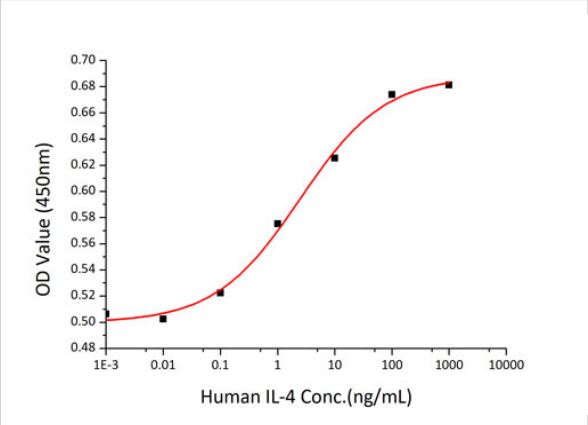

## 85-172_1

Recombinant Human IL-4 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.




## 85-172_2

Recombinant Human IL-4 Protein is greater than 95% as determined by SEC-HPLC.




## 85-172_3

Recombinant Human IL-4 stimulates cell proliferation of the TF-1 human erythroleukemic cells.The $ED_{50}$ for this effect is 85-340 pg/mL, corresponding to a specific activity of 2.94 × 10

# Disclaimer

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|---|---|
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