**Product Name: Recombinant Human IL-2RA (C-6His)**
**Catalog #: PHH0916**

## Summary

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|---|---|
| **Name** | IL-2 R alpha/CD25/IL2-RA/IL-2R α/IL-2 receptor subunit alpha |
| **Purity** | Greater than 95% as determined by reducing SDS-PAGE |
| **Endotoxin level** | <1 EU/μg as determined by LAL test. |
| **Construction** | Recombinant Human Interleukin-2 Receptor Subunit Alpha is produced by our Mammalian expression system and the target gene encoding Glu22-Cys213 is expressed with a 6His tag at the C-terminus. |
| **Accession #** | P01589 |
| **Host** | Human Cells |
| **Species** | Human |
| **Predicted Molecular Mass** | 22.8 KDa |
| **Formulation** | Lyophilized from a 0.2 μm filtered solution of 10mM HEPES，50mM NaCl, pH7.2. |
| **Shipping** | The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below. |
| **Stability&Storage** | 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. |
| **Reconstitution** | 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

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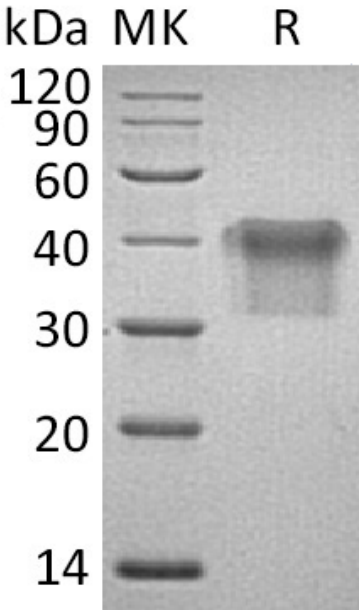


## Alternative Names

Interleukin-2 receptor subunit alpha;CD25;p55;TAC antigen;IL2-RA;IL-2R subunit alpha;IL-2-RA;IL-2 receptor subunit alpha

## Background

Interleukin-2 receptor subunit alpha (IL2RA) is a single-pass type I membrane protein, contains 2 Sushi (CCP/SCR) domains. The interleukin 2 (IL2) receptor alpha (IL2RA) and beta (IL2RB) chains, together with the common gamma chain (IL2RG), constitute the high-affinity IL2 receptor. Homodimeric alpha chains (IL2RA) result in low-affinity receptor, while homodimeric beta (IL2RB) chains produce a medium-affinity receptor. Normally an integral-membrane protein, soluble IL2RA has been isolated and determined to result from extracellular proteolyisis.

## Note

For Research Use Only , Not for Diagnostic Use.