

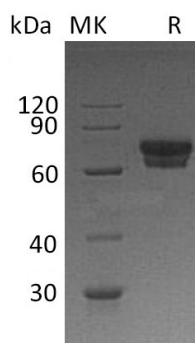
Product Name: Recombinant Human IL-2RA (C-Fc)
Catalog #: PHH0315



Summary

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/ μ g 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 human IgG1 Fc tag at the C-terminus.
Accession #	P01589
Host	Human Cells
Species	Human
Predicted Molecular Mass	48.9 KDa
Formulation	Lyophilized from a 0.2 μ m filtered solution of PBS, pH 7.4.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at $\leq -70^{\circ}\text{C}$, stable for 6 months after receipt. Store at $\leq -70^{\circ}\text{C}$, 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 100 μ g/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image



Background

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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 proteolysis.

Note

For Research Use Only , Not for Diagnostic Use.