

**Product Name: Recombinant Human IL-2RG (C-6His)**  
**Catalog #: PHH0289**

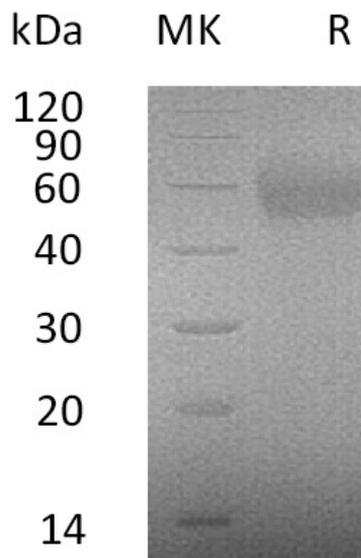


## Summary

<b>Name</b>	IL-2 R gamma/CD132/IL-2RG/Common gamma Chain
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE
<b>Endotoxin level</b>	<1 EU/μg as determined by LAL test.
<b>Construction</b>	Recombinant Human Cytokine Receptor Common Subunit Gamma is produced by our Mammalian expression system and the target gene encoding Leu23-Ala262 is expressed with a 6His tag at the C-terminus.
<b>Accession #</b>	P31785
<b>Host</b>	Human Cells
<b>Species</b>	Human
<b>Predicted Molecular Mass</b>	29.3 KDa
<b>Formulation</b>	Lyophilized from a 0.2 μm filtered solution of 20 mM Tris-HCl, 15% Trehalose, 6% Mannitol, 0.05% Tween 80, pH8.5.
<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>	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
<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.

## SDS-PAGE image

**Product Name: Recombinant Human IL-2RG (C-6His)**  
**Catalog #: PHH0289**



### **Alternative Names**

Cytokine receptor common subunit gamma; Interleukin-2 receptor subunit gamma; gammaC; P64; CD132 and IL2RG

### **Background**

IL2RG contains one fibronectin type-III domain. IL2RG is an important signaling component of many interleukin receptors, including those of interleukin -2, -4, -7 and -21, and is thus referred to as the common gamma chain. IL2RG interacts with SHB upon interleukin stimulation and HTLV-1 accessory protein p12I. Defects in IL2RG are the cause of X-linked combined immunodeficiency (XCID) and severe combined immunodeficiency X-linked T-cell-negative /B-cell-positive / NK-cell-negative (XSCID).

### **Note**

For Research Use Only , Not for Diagnostic Use.