

# Recombinant Human IL2RG/CD132 Protein (aa 23-262, Fc Tag)



Catalog Number:PKSH033410

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

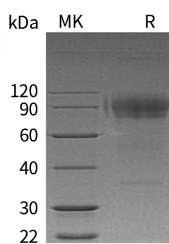
## Description

<b>Synonyms</b>	Cytokine receptor common subunit gamma;Interleukin-2 receptor subunit gamma;gammaC;P64;CD132;IL2RG;SCIDX;SCIDX1;CIDX
<b>Species</b>	Human
<b>Expression Host</b>	HEK293 Cells
<b>Sequence</b>	Leu23-Ala262
<b>Accession</b>	P31785
<b>Calculated Molecular Weight</b>	55.4 kDa
<b>Observed molecular weight</b>	85-100 kDa
<b>Tag</b>	C-Fc

## Properties

<b>Purity</b>	> 95 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Storage</b>	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
<b>Reconstitution</b>	Please refer to the printed manual for detailed information.

## Data



> 95 % as determined by reducing SDS-PAGE.

## 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).

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