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## Datasheet for ABIN7318606 IL2RG Protein (His tag,Fc Tag)

### Overview

Quantity:	50 µg
Target:	IL2RG
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL2RG protein is labelled with His tag,Fc Tag.

### Product Details

Purpose:	Recombinant Human IL2RG/CD132 Protein (Fc & His Tag)
Sequence:	Leu23-Ala262
Characteristics:	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.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

### Target Details

Target:	IL2RG
Alternative Name:	IL2RG/CD132 ( <a href="#">IL2RG Products</a> )
Background:	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

## Target Details

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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).

Synonym: Cytokine receptor common subunit gamma, Interleukin-2 receptor subunit gamma, gammaC, P64, CD132, IL2RG, SCIDX,SCIDX1, CIDX

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Molecular Weight: 29.3 kDa

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UniProt: [P31785](#)

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Pathways: [JAK-STAT Signaling](#), [Growth Factor Binding](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4 .

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: 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.