

# Recombinant Human IL2RG Protein, Leu23-Asn254, C-His-Avi tagged, Biotinylated

**Cat. No.** IL2RG-139H    **Lot. No.** (See product label)

## SPECIFICATION

|                          |                                                                                                                                                                                                                                                                                                                                                                                          |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>  | Recombinant human IL-2 R gamma/CD132-C-His-Avi protein was developed from HEK293 and has a target region of C-His-Avi.                                                                                                                                                                                                                                                                   |
| <b>Species</b>           | Human                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Source</b>            | HEK293                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>ProteinLength</b>     | Leu23-Asn254                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Description</b>       | The protein encoded by this gene 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. Mutations in this gene cause X-linked severe combined immunodeficiency (XSCID), as well as X-linked combined immunodeficiency (XCID), a less severe immunodeficiency disorder. |
| <b>Conjugation/Label</b> | Biotin                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Form</b>              | Lyophilised                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Endotoxin</b>         | Endotoxin level was found to be less than 0.1 ng/μg (1 EU/μg).                                                                                                                                                                                                                                                                                                                           |
| <b>Notes</b>             | FOR RESEARCH USE ONLY (RUO).                                                                                                                                                                                                                                                                                                                                                             |
| <b>Storage</b>           | The lyophilized protein is stable for at least 1 year from date of receipt at -20                                                                                                                                                                                                                                                                                                        |

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centigrade.

**Storage Buffer**

Lyophilised from 0.2 µm filtered PBS solution pH 7.4. Upon receipt centrifuge vial to ensure maximal product extraction, recommended: 20 sec, 5K RPM

**Conjugation**

Biotin

## GENE INFORMATION

**Gene Name**

IL2RG interleukin 2 receptor, gamma [ Homo sapiens (human) ]

**Official Symbol**

IL2RG

**Synonyms**

IL2RG; interleukin 2 receptor, gamma; CIDX, combined immunodeficiency, X linked, IMD4, SCIDX1, severe combined immunodeficiency; cytokine receptor common subunit gamma; CD132; gammaC; gamma(c); CD132 antigen; common gamma-chain; IL-2R subunit gamma; IL-2 receptor subunit gamma; severe combined immunodeficiency; combined immunodeficiency, X-linked; common cytokine receptor gamma chain; interleukin-2 receptor subunit gamma; P64; CIDX; IMD4; SCIDX; IL-2RG; SCIDX1;

**Gene ID**

3561

**mRNA Refseq**

NM\_000206

**Protein Refseq**

NP\_000197

**MIM**

308380

**UniProt ID**

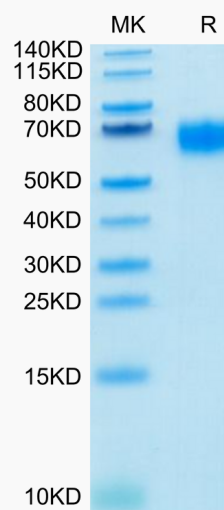
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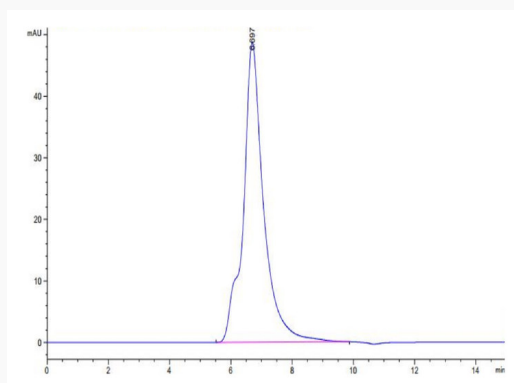
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**Biotinylated Human  
IL-2 R gamma on  
Tris-Bis PAGE under  
reduced condition.  
The purity is greater  
than 95%.**



**The purity of  
Biotinylated Human  
IL-2 R gamma is  
greater than 95% as  
determined by SEC-  
HPLC.**



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