

PRODUCT INFORMATION

IL2RG **Target**

CD132;CIDX;IL-2RG;IMD4;P64;SCIDX;SCIDX1 **Synonyms** Recombinant human IL2RG protein with C-

Description terminal human Fc tag

Delivery In Stock **Uniprot ID** P31785 **HEK293 Expression Host**

Tag C-Human Fc Tag

Molecular

Background

IL2RG(Leu23-Asn254) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of

53.5 kDa after removal of the signal peptide. The apparent molecular mass of IL2RG-hFc is **Molecular Weight**

approximately 70-100 kDa due to glycosylation. The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

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

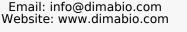
gamma chain. Mutations in this gene cause X-linked severe combined immunodeficiency (XSCID), as well as X-linked combined immunodeficiency (XCID), a less severe

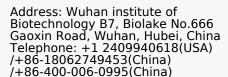
immunodeficiency disorder. [provided by RefSeq,

Mar 2010]

Usage Research use only

Conjugate Unconjugated







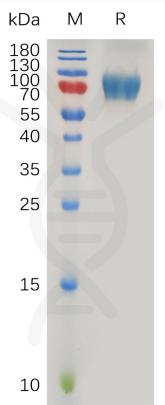


Figure 1. Human IL2RG Protein, hFc Tag on SDS-PAGE under reducing condition.

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