

PRODUCT INFORMATION

Target	IL2RG
Synonyms	CD132;CIDX;IL-2RG;IMD4;P64;SCIDX;SCIDX1
Description	Recombinant human IL2RG protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	P31785
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	IL2RG(Leu23-Asn254) hFc(Glu99-Ala330)
Molecular Weight	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 approximately 70-100 kDa due to glycosylation.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	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 at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 µm) prior to use.
Background	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



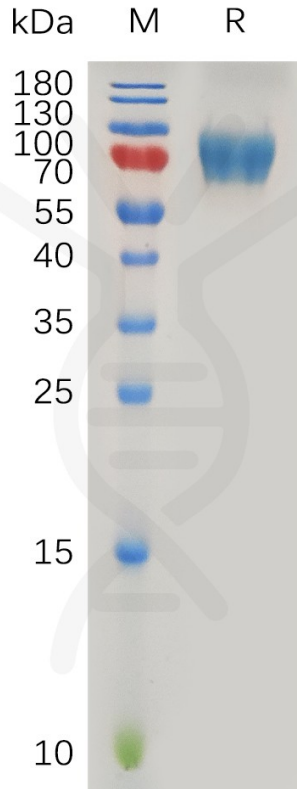


Figure 1. Human IL2RG Protein, hFc Tag on SDS-PAGE under reducing condition.

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