

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.
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



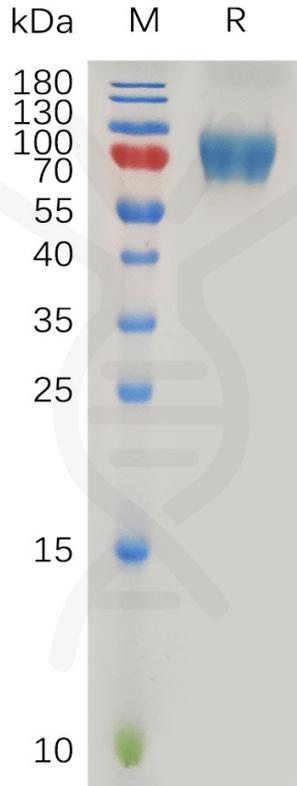


Figure 1. Human IL2RG Protein, hFc Tag on SDS-PAGE under reducing condition.

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