

Recombinant Human IL2RG Protein, His-tagged

Cat. No. IL2RG-151H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human interleukin 2 receptor subunit gamma(IL2RG)(NM_000206) protein, with a His tag, was expressed in human cells.
Species	Human
Source	Human Cells
Description	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.
Form	Purified protein formulated in a sterile solution of TBS buffer, pH7.279, without any preservatives.
Molecular Mass	39.9 kDa
Endotoxin	Endotoxin level is < 0.1 ng/g of protein (<1EU /g)
Purity	>90% by SDS-PAGE gel and Coomassie Blue staining
Applications	Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and protein-protein interaction studies.

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GENE INFORMATION

Gene Name IL2RG interleukin 2 receptor, gamma [Homo sapiens]

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 P31785

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