

Recombinant Human IL2RG Protein, GST-His-tagged

Cat. No. IL2RG-949H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human IL2RG fused with N-terminal GST and C-terminal His was expressed in E. coli.

Species Human

Source E.coli

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 25mM Tris, pH8.0, 150mM NaCl, 10% glycerol, 1% Sarkosyl.

Molecular Mass 68.2 kDa

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Concentration >50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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

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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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