

Recombinant Full Length Human IL2RG Protein, GST-tagged

Cat. No. IL2RG-5759HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human IL2RG full-length ORF (AAH14972, 1 a.a. - 369 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	369 amino acids
Description	The interleukin 2 (IL2) receptor gamma chain (IL2RG), an important signalling component of many interleukin receptors (IL2,IL4,IL7,IL9, and IL15), is thus referred to as the common gamma chain. Mutations in this X-chromosome-linked gene cause X-linked severe combined immunodeficiency (XSCID). [provided by RefSeq
Molecular Mass	66.33 kDa
AA Sequence	MLKPSLPFTSLLFLQLPLLGVGLNTTILTPNGNEDTTADFFLTMTPTDSLVSSTLPLPE VQCFVFNVEYMNCTWNSSEPPQPTNLTLYWYKNSDNDKVQKCSHYLFSEEITSG CQLQKKEIHLYQTFVVLQDPREPRRQATQMLKLQNLVIPWAPENLTLHKLSESQLE LNWNNRFLNHCLEHLVQYRTDWDHSWTEQSVDYRHKFSLPSVDGQKRYTFRVRS RFNPLCGSAQHWSEWSHPHWGSNTSKENPFLFALEAVVISVGSMLIISLLCVYFW LERTMPRIPTLKNLEDLVTEYHGNFSAWSGVSKGLAESLQPDYSERLCLVSEIPPKG GALGEGPGASPCNQHSPYWAPPCYTLKPET
Applications	Enzyme-linked Immunoabsorbent Assay

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Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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

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UniProt ID

P31785

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