

Recombinant Human IL2RG Protein, GST-tagged

Cat. No. IL2RG-14197H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL2RG Protein with a GST tag 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.
Molecular Mass	~ 66.2KDa, reducing conditions
AA Sequence	MSPILGYWKIKGLVQPTRLLEYLEEKYEEHLYERDEGDKWRNKKFELGLEFPNLPY YIDGDVKLTQSMAIIRYIADKHNLGGCPKERAEISMLEGAVLDIRYGVSR IAYSKD FE TLKVDFLSKLPEMLKMFEDRLCHKTYLNGDHVTHPDFMLYDALDVVLYMDPMCLDA FPKLVCFKKRIEAIPQIDKYLKSSKYIAWPLQG WQATFGGGDHPKSDLVPRGSLNT TILTPNGNEDTTADFFLTMTPTDLSVSTLPLPEVQC FVFNVEYMNCTWNS SSEPQP TNLTLHYWYKNSDNDKVQKCSHYLFSEEITSGCQLQKKEIHLYQTFV VQLQDPREPR RQATQMLKLQNLVIPWAPENLTLHKLSESQLELNWNNRFLNH CLEHLVQYRTDWDH SWTEQSVDYRHKFSLPSVDGQKRYTFRVRSR FNPLCGSAQHWSEW SHPIHWGSN TSKENPFLFALEAVVISV GSMGLIISLLCVYFWLERTMPRIPTLKNLEDLVTEYHG NFS AWSGVSKGLAESLQPDYSERLCLVSEIPPKGGALGEGPGASPCNQ HSPYWAPPCY

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	TLKPET
Purity	>90%, by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Concentration	0.1 mg/mL
Storage Buffer	Supplied as a 0.2 µm filtered solution in PBS, pH 8.0
GENE INFORMATION	
Gene Name	IL2RG interleukin 2 receptor subunit gamma [Homo sapiens (human)]
Official Symbol	IL2RG
Synonyms	IL2RG; interleukin 2 receptor subunit gamma; P64; CIDX; IMD4; CD132; SCIDX; IL-2RG; SCIDX1; cytokine receptor common subunit gamma; CD132 antigen; IL-2 receptor subunit gamma; IL-2R subunit gamma; common cytokine receptor gamma chain; gammaC; interleukin 2 receptor, gamma; nonfunctional common cytokine receptor gamma chain
Gene ID	3561
mRNA Refseq	NM_000206
Protein Refseq	NP_000197
MIM	308380

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UniProt ID

P31785

SDS-PAGE



12% reducing SDS-PAGE analysis of purified IL2RG (~ 0.5 µg protein loaded)

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