

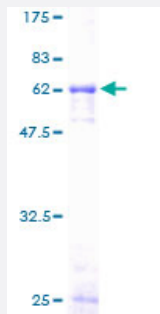
Full-Length

IL2RG (Human) Recombinant Protein (P01)

Catalog # H00003561-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human IL2RG full-length ORF (AAH14972, 1 a.a. - 369 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MLKPSLPFTSLLFLQLPLLGVGLNTTILTPNGNEDTTADFFLTTPMPTDLSVSTLPLPEVQCFVFNVEYMNCTWNSSSEPQPTNLTLYWYKNSDNDKVQKCSHYLFSEEITSGCQLQKKEIHLVQTFVVQLQDPREPRRQATQMLKLQNLVIPWAPENLTHLKLSQSLELNWNNRFLNHCLEHLVQYRTDWDHSWTEQSVDYRHKFSLPSVDGQKRYTFRVRSRFPNLCGSAQHWSEWSHPIHWGSNTSKENPFLFALEAVVISVGSMGLIISLLCVYFWLERTMPRIPTLKNLEDLVTEYHGNFSAWSGVSKGLAESLQPDYSERLCLVSEIPPKGGALGEGPGASPCNQHSPYWAPPCYTLKPET

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

66.33

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — IL2RG

Entrez GeneID	3561
GeneBank Accession#	BC014972
Protein Accession#	AAH14972
Gene Name	IL2RG
Gene Alias	CD132, IMD4, SCIDX, SCIDX1
Gene Description	interleukin 2 receptor, gamma (severe combined immunodeficiency)
Omim ID	300400 308380 312863
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	common cytokine receptor gamma chain interleukin 2 receptor gamma chain interleukin 2 receptor, gamma

Pathway

- [Cytokine-cytokine receptor interaction](#)

- [Endocytosis](#)
- [Jak-STAT signaling pathway](#)
- [Primary immunodeficiency](#)

Disease

- [Asthma](#)
- [Bronchiolitis](#)
- [Genetic Predisposition to Disease](#)
- [Immunologic Deficiency Syndromes](#)
- [Infant](#)
- [Lymphopenia](#)
- [Respiratory Syncytial Virus Infections](#)
- [Severe combined immunodeficiency](#)