

IL2RG (Human) Recombinant Protein

Catalog # P8255

Size 2 x 10 ug

Specification

Product Description	Human IL2RG (P31785, 23 a.a. - 262 a.a.) partial recombinant protein with His tag at C-terminus expressed in Sf9 cells.
Sequence	LNTTILTPNGNEDTTADFFLTMTPTDSLVSSTLPLPEVQCFVFNVEYMNCTWNSSSEPQPTNLTLYWYKNSDNDKVQKCSHYLFSEEITSGCQLQKKEIHLVQTFVVQLQDPREPRRQATQMLKLQNLVIPWAPENLT LHKLSSESQLELNWNNRFLNHCLEHLVQYRTDWDHSWTEQSVDYRHKFSLPSVDGQKRYTFRVRSRFPNPLCGSAQHWSEWSHPHWSNTSKENPFLFALEAHHHHHH
Host	insect
Theoretical MW (kDa)	29
Form	Liquid
Preparation Method	Sf9 cell expression system
Purity	> 80% by SDS-PAGE
Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS pH 7.4
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — IL2RG

Entrez GeneID

[3561](#)

Protein Accession#	P31785
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](#)