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	LNTTILTPNGNEDTTADFFLTTMPTDSLSVSTLPLPEVQCFVFNVEYMNCTWNSSSEPQPTNLTLH YWYKNSDNDKVQKCSHYLFSEEITSGCQLQKKEIHLYQTFVVQLQDPREPRRQATQMLKLQNLVI PWAPENLTLHKLSESQLELNWNNRFLNHCLEHLVQYRTDWDHSWTEQSVDYRHKFSLPSVDGQ KRYTFRVRSRFNPLCGSAQHWSEWSHPIHWGSNTSKENPFLFALEAHHHHHH
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

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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

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- Severe combined immunodeficiency

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