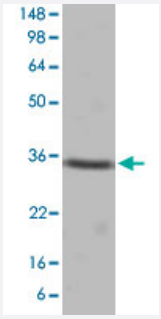
IL2RA (Human) Recombinant Protein

Catalog # P3816 Size 10 ug

Applications



Specification

Product Description	Human IL2RA (NP_000408.1, 223 a.a. - 798 a.a.) partial recombinant protein expressed in *Escherichia coli*.
Host	Escherichia coli
Form	Liquid
Preparation Method	*Escherichia coli* expression system
Purity	> 95% by SDS-PAGE
Quality Control Testing	10% SDS-PAGE Result
Storage Buffer	In PBS (50% glycerol)
Storage Instruction	Store at -20°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

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Gene Info — IL2RA

Entrez GeneID	3559
Protein Accession#	NP_000408.1
Gene Name	IL2RA
Gene Alias	CD25, IDDM10, IL2R, TCGFR
Gene Description	interleukin 2 receptor, alpha
Omim ID	147730 601942
Gene Ontology	Hyperlink
Gene Summary	The interleukin 2 (IL2) receptor alpha (IL2RA) and beta (IL2RB) chains, together with the common gamma chain (IL2RG), constitute the high-affinity IL2 receptor. Homodimeric alpha chains (IL2RA) result in low-affinity receptor, while homodimeric beta (IL2RB) chains produce a medium-affinity r eceptor. Normally an integral-membrane protein, soluble IL2RA has been isolated and determine d to result from extracellular proteolyisis. Alternately-spliced IL2RA mRNAs have been isolated, b ut the significance of each is presently unknown. [provided by RefSeq
Other Designations	Interleukin-2 receptor|OTTHUMP00000019030|OTTHUMP00000044870|interleukin 2 receptor, al pha chain

Pathway

- Cytokine-cytokine receptor interaction
- Endocytosis
- Hematopoietic cell lineage
- Jak-STAT signaling pathway

Disease

- Acquired Immunodeficiency Syndrome
- Addison Disease
- Alopecia Areata
- Alzheimer Disease

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- Arthritis
- Asthma
- Atrial Fibrillation
- Autoimmune Diseases
- Bronchiolitis
- Carcinoma
- Cardiovascular Diseases
- Celiac Disease
- Chorioamnionitis
- Colitis
- Connective Tissue Diseases
- Crohn Disease
- Diabetes Mellitus
- Disease Progression
- Edema
- Fetal Diseases
- Fetal Membranes
- Genetic Predisposition to Disease
- Graves Disease
- Hyperparathyroidism
- Hypersensitivity
- Infant
- Infection
- Inflammation
- Lupus Erythematosus
- Measles

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- Melanoma
- Multiple Sclerosis
- Mumps
- Musculoskeletal Diseases
- Obstetric Labor
- Prediabetic State
- Pre-Eclampsia
- Pregnancy Complications
- Premature Birth
- Prostatic Neoplasms
- Respiratory Syncytial Virus Infections
- Rubella
- Skin Diseases
- Thyroid Diseases
- Vasculitis
- Vitiligo

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