

Proteoliposomes

Full-Length

IL2RB (Human) Recombinant Protein

Catalog # H00003560-G01

Size 2 ug

Specification

Product Description

Human IL2RB full-length ORF (NP_000869.1) recombinant protein without tag.
This product is belong to Proteoliposome (PL).

Sequence

MAAPALSWRLPLLILLPLATSWASAAVNGTSQFTCFYNSRANISCVWSQDQALQDTSCQVHAW
PDRRRWNQTCCELLPVSQASWACNLILGAPDSQKLTVDIVTLRVLCREGVRWRVMAIQDFKPFE
NLRLMAPISLQVVHVETHRCNISWEISQASHYFERHLEFEARTLSPGHTWEEAPLLTLKQKQEWIC
LETLPDTQYEFQVRVKPLQGEFTTWSPWSQPLAFRTKPAALGKDTIPWLGHLLVGLSGAFGFIL
VYLLINCRNTGPWLKKVLKCNTPDPSKFFSQLSSEHGGDVQKWLSSPFPSSSFSPGGLAPEISPL
EVLERDKVTQLLLQQDKVPEPASLSSNHSLTSCFTNQGYFFFHLPDALEIEACQVYFTYDPYSEE
DPDEGVAGAPTGSSPQLQLPLSGEDDAYCTFPSRDDLLLFSPSLLGGPSPPSTAPGGSGAGEE
RMPPSLQERVPRDWDQPPLGPPTPGVPDLVDFQPPPELVREAGEEVPDAGPREGVSFPWSR
PPGQGEFRALNARLPLNTDAYLSLQELQGQDPTHLV

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

61.1

Interspecies Antigen Sequence

Mouse (57)

Form

Liquid

Preparation Method

[in vitro wheat germ expression system with proprietary liposome technology](#)

Purification

None

Recommend Usage

Heating may cause protein aggregation. Please do not heat this product before electrophoresis.

Storage Buffer

25 mM Tris-HCl of pH8.0 containing 2% glycerol.

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

- Antibody Production

Gene Info — IL2RB

Entrez GeneID [3560](#)

GeneBank Accession# [NM_000878.2](#)

Protein Accession# [NP_000869.1](#)

Gene Name IL2RB

Gene Alias CD122, P70-75

Gene Description interleukin 2 receptor, beta

Omim ID [146710](#)

Gene Ontology [Hyperlink](#)

Gene Summary The interleukin 2 receptor, which is involved in T cell-mediated immune responses, is present in 3 forms with respect to ability to bind interleukin 2. The low affinity form is a monomer of the alpha s ubunit and is not involved in signal transduction. The intermediate affinity form consists of an alpha /beta subunit heterodimer, while the high affinity form consists of an alpha/beta/gamma subunit he terotrimer. Both the intermediate and high affinity forms of the receptor are involved in receptor-m ediated endocytosis and transduction of mitogenic signals from interleukin 2. The protein encode d by this gene represents the beta subunit and is a type I membrane protein. [provided by RefSeq

Other Designations CD122 antigen|OTTHUMP00000028799|high affinity IL-2 receptor beta subunit|interleukin 2 rece ptor beta

Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Endocytosis](#)
- [Jak-STAT signaling pathway](#)

Disease

- [Arthritis](#)
- [Asthma](#)
- [Bipolar Disorder](#)
- [Bronchial Hyperreactivity](#)
- [Bronchiolitis](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Chagas Disease](#)
- [Colitis](#)
- [Connective Tissue Diseases](#)
- [Crohn Disease](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Endometriosis](#)
- [Esophagitis](#)
- [Fetal Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis C](#)
- [Hyperparathyroidism](#)
- [Hypersensitivity](#)
- [Infant](#)
- [Infection](#)
- [Inflammation](#)
- [Kidney Failure](#)

- [Leishmaniasis](#)
- [Liver Neoplasms](#)
- [Lung Neoplasms](#)
- [Measles](#)
- [Multiple Sclerosis](#)
- [Mumps](#)
- [Musculoskeletal Diseases](#)
- [Myasthenia Gravis](#)
- [Occupational Diseases](#)
- [Pain](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Radiation Injuries](#)
- [Radiation Pneumonitis](#)
- [Respiratory Syncytial Virus Infections](#)
- [Rubella](#)
- [Schizophrenia](#)
- [Skin Diseases](#)
- [Tobacco Use Disorder](#)
- [Viremia](#)
- [Wegener Granulomatosis](#)