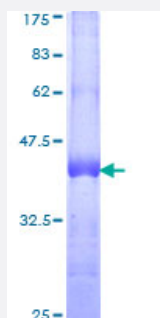


IL10RB (Human) Recombinant Protein (Q01)

Catalog # H00003588-Q01

Size 10 ug, 25 ug

Applications



Specification

Product Description	Human IL10RB partial ORF (NP_000619, 20 a.a. - 119 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MVPPPENVRMNSVNFKNILQWESPAFAKGNLTFTAQYLSYRIFQDKCMNTTLECDFSSLSKYGD HTLRVRAEFADEHSDWVNITFCPVDDTIIGPPGMQ
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
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 — IL10RB

Entrez GeneID [3588](#)

GeneBank Accession# [NM_000628](#)

Protein Accession# [NP_000619](#)

Gene Name IL10RB

Gene Alias CDW210B, CRF2-4, CRFB4, D21S58, D21S66, IL-10R2

Gene Description interleukin 10 receptor, beta

Omim ID [123889 610424](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene belongs to the cytokine receptor family. It is an accessory chain essential for the active interleukin 10 receptor complex. Coexpression of this and IL10RA proteins has been shown to be required for IL10-induced signal transduction. This gene and three other interferon receptor genes, IFAR2, IFNAR1, and IFNGR2, form a class II cytokine receptor gene cluster located in a small region on chromosome 21. [provided by RefSeq]

Other Designations cytokine receptor class-II CRF2-4|cytokine receptor family II, member 4

Publication Reference

- [Evidence for non-neutralizing autoantibodies against IL-10 signalling components in patients with inflammatory bowel disease.](#)

Frede N, Glocker EO, Wanders J, Engelhardt KR, Kreisel W, Ruemmele FM, Grimbacher B.

BMC Immunology 2014 Feb; 15(1):10.

Application: ELISA, Human, Serum

Pathway

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

Disease

- [Asthma](#)
- [Bronchiolitis](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Connective Tissue Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Esophagitis](#)
- [Fetal Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Graft vs Host Disease](#)
- [Hematologic Diseases](#)
- [Hepatitis B](#)
- [Hodgkin Disease](#)
- [Hyperparathyroidism](#)

- [Infant](#)
- [Infection](#)
- [Inflammation](#)
- [Lung Neoplasms](#)
- [Lymphoproliferative Disorders](#)
- [Measles](#)
- [Multiple Myeloma](#)
- [Mumps](#)
- [Musculoskeletal Diseases](#)
- [Occupational Diseases](#)
- [Pain](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Radiation Injuries](#)
- [Radiation Pneumonitis](#)
- [Respiratory Syncytial Virus Infections](#)
- [Rubella](#)
- [Scleroderma](#)
- [Skin Diseases](#)
- [Vaginosis](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)