

RP00583

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# Recombinant Human IL-10RB/IL-10 R beta Protein

Catalog No.: RP00583

Recombinant

## Sequence Information

Species	Gene ID	Swiss Prot
Human	3588	Q08334

### Tags

C-Fc

### Synonyms

IL10RB;CDW210B;CRF2-4;CRFB4;D21S58  
;D21S66;IL-10R2

## Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

### Endotoxin

< 1 EU/μg of the protein by LAL method.

### Formulation

Lyophilized from a 0.2 μM filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

### Reconstitution

Reconstitute to a concentration of 0.1-0.5 mg/mL in 1X PBS.

## Background

Interleukin-10 receptor subunit beta (IL10RB), also known as Cytokine receptor class-II member 4, Cytokine receptor family 2 member 4, Interleukin-10 receptor subunit 2, belongs to the type II cytokine receptor family. IL10RB is a single-pass type I membrane protein and contains two fibronectin type-III domains. It is an accessory chain which is essential for the active interleukin 10 receptor complex. Coexpression of IL10RB and IL10RA proteins has been shown to be required for IL10-induced signal transduction. Defects in IL10RB are the cause of inflammatory bowel disease type 25 (IBD25) which is a chronic, relapsing inflammation of the gastrointestinal tract with a complex etiology.

## Basic Information

### Description

Recombinant Human IL-10RB/IL-10 R beta Protein is produced by Human cells expression system. The target protein is expressed with sequence (Met20-Ser220) of human IL-10RB/IL-10 R beta (Accession #Q08334) fused with an Fc tag at the C-terminus.

### Bio-Activity

### Storage

Store the lyophilized protein at -20 °C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

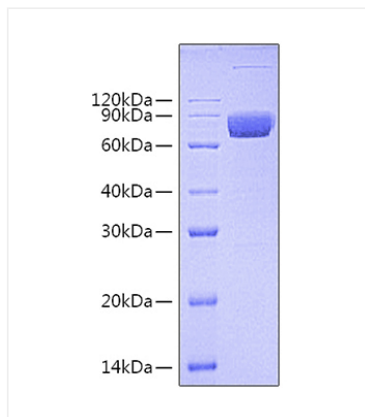
## Contact



[www.abclonal.com](http://www.abclonal.com)

## Validation Data

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Recombinant Human IL-10RB/IL-10 R beta Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.