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Datasheet for ABIN1880651
IL10RB Protein (AA 20-220) (Fc Tag)

Overview

Quantity:	50 µg
Target:	IL10RB
Protein Characteristics:	AA 20-220
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL10RB protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Human IL-10 Receptor Subunit β /IL-10RB (C-Fc)
Sequence:	MVPPPENVRM NSVNFKNILQ WESPFAKGN LTFTAQYLSY RIFQDKCMNT TLTECDFSSL SKYGDHTLRV RAEFADEHSD WVNITFCPVD DTIIGPPGMQ VEVLADSLHM RFLAPKIENE YETWTMKNVY NSWTYNVQYW KNGTDEKFQI TPQYDFEVLN NLEPWTTYCV QVRGFLPDRN KAGEWSEPVC EQTTHDETVP SVDDIEGRMD EPKSCDKTHT CPPCPAPELL GGPSVFLFPP KPKDTLMISR TPEVTCVVVD VSHEDPEVKF NWYVDGVEVH NAKTKPREEQ YNSTYRVVSV LTVLHQDWLN GKEYKCKVSN KALPAPIEKT ISKAKGQPRE PQVYTLPPSR EEMTKNQVSL TCLVKGFYPS DIAVEWESNG QPENNYKTP PVLDSDGSFF LYSKLTVDKS RWQQGNVFSC SVMHEALHNH YTQKSLSLSP GK
Characteristics:	Recombinant Human Interleukin-10 receptor subunit beta/ IL-10RB is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (Met20-Ser220) of Human IL10RB fused with a FC tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.

Product Details

Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	IL10RB
Alternative Name:	Interleukin-10 Receptor Subunit beta/ IL-10RB (IL10RB Products)
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.
Molecular Weight:	50.6 kDa
UniProt:	Q08334

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4 .
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.