

Datasheet for ABIN6239818  
**IL10RB Protein (AA 87-243) (His tag)**



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1 Image

## Overview

Quantity:	50 µg
Target:	IL10RB
Protein Characteristics:	AA 87-243
Origin:	Human
Source:	Escherichia coli (E. coli)
Biological Activity:	Active
Purification tag / Conjugate:	This IL10RB protein is labelled with His tag.
Application:	Activity Assay (AcA), Cell Culture (CC)

## Product Details

Characteristics:	Tag location: N-terminal His Tag
Purity:	> 97 %
Biological Activity Comment:	<p>IL10Rb (Interleukin-10 receptor subunit beta) belongs to the cytokine receptor family. It is an accessory chain essential for the active interleukin 10 receptor complex, which is a cell surface receptor required for the activation of several cytokines, including IL10. Thus, a binding ELISA assay was conducted to detect the interaction of IL10Rb and IL10. Briefly, recombinant human IL10RB were diluted serially in PBS, with 0.01%BSA (pH 7.4). Duplicate samples of 100uL were then transferred to IL10-coated microtiter wells and incubated for 2h at 37°C. Wells were washed with PBST and incubated for 1h with anti-IL10Rb pAb, then aspirated and washed 3 times. After incubation with HRP labelled secondary antibody, wells were aspirated and washed 3 times. With the addition of substrate solution, wells were incubated 15-25 minutes at 37°C. Finally, add 50µL stop solution to the wells and read at 450nm immediately. The binding activity</p>

## Product Details

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of IL10Rb and IL10 was shown in Figure 1, and this effect was in a dose dependent manner The binding activity of IL10Rb with IL10.

## Target Details

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Target:	IL10RB
Alternative Name:	Interleukin 10 Receptor Beta (IL10Rb) ( <a href="#">IL10RB Products</a> )
Background:	Alternative Names: CDW210b, CD210-B, IL10R-B, IL10-RB, CRF2-4, CRFB4, IL-10R2, Interleukin-10 receptor subunit 2
Molecular Weight:	18kDa
UniProt:	<a href="#">Q08334</a>

## Application Details

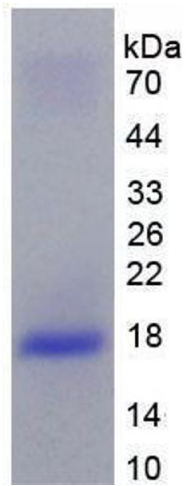
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Application Notes:	Isoelectric Point: 5
Restrictions:	For Research Use only

## Handling

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Format:	Lyophilized
Buffer:	PBS, pH 7.4, containing 0.01 % SKL, 1 mM DTT, 5 % Trehalose and Proclin300.
Preservative:	Dithiothreitol (DTT), ProClin
Precaution of Use:	This product contains ProClin and Dithiothreitol (DTT): POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.



#### SDS-PAGE

**Image 1.** Figure. SDS-PAGE; Sample: Active recombinant IL10Rb, Human.