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Datasheet for ABIN6239810

**IL17 Receptor B Protein (AA 61-200) (His tag)**

## Overview

Quantity:	50 µg
Target:	IL17 Receptor B (IL17RB)
Protein Characteristics:	AA 61-200
Origin:	Human
Source:	Escherichia coli (E. coli)
Biological Activity:	Active
Purification tag / Conjugate:	This IL17 Receptor B protein is labelled with His tag.
Application:	Activity Assay (AcA), Cell Culture (CC)

## Product Details

Characteristics:	Tag location: N-terminal His Tag
Purity:	> 80 %
Biological Activity Comment:	IL17RB (Interleukin-17 receptor B) is a receptor for the proinflammatory cytokines IL17B (Interleukin-17B) and IL17E (Interleukin-17E). This receptor has been shown to mediate the activation of NF-kappaB and the production of IL8 induced by IL17E. Thus a binding ELISA assay was constructed to detect the association of recombinant human IL17RB with recombinant human IL17B. Briefly, IL17RB were diluted serially in PBS, with 0.01%BSA (pH 7.4). Duplicate samples of 100uL were then transferred to IL17B-coated microtiter wells and incubated for 2h at 37°C. Wells were washed with PBST and incubated for 1h with anti-IL17RB 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

## Product Details

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read at 450nm immediately. The binding activity of IL17RB with IL17B was shown in Figure 1 and this effect was in a dose dependent manner The binding activity of IL17RB with IL17B.

## Target Details

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Target:	IL17 Receptor B (IL17RB)
Abstract:	<a href="#">IL17RB Products</a>
Background:	Alternative Names: IL17R-B, CRL4, EVI27, IL17BR, IL17RH1, Cytokine receptor-like 4, IL-17 receptor homolog 1
Molecular Weight:	19kDa
UniProt:	<a href="#">Q9NRM6</a>

## Application Details

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Application Notes:	Isoelectric Point: 8.9
Restrictions:	For Research Use only

## Handling

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Format:	Lyophilized
Buffer:	20 mM Tris, 150 mM NaCl, pH 8.0, containing 1 mM EDTA, 1 mM DTT, 0.01 % SKL, 5 % Trehalose and Proclin300.
Preservative:	Dithiothreitol (DTT), Other preservative, ProClin
Precaution of Use:	This product contains ProClin and Dithiothreitol (DTT): POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.