

Active Recombinant Human IL17RB protein, His-tagged

Cat. No. IL17RB-2295H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human IL17RB protein(Q9NRM6)(61-200 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	61-200 aa
Form	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Bio-activity	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 50μ stop solution to the wells and read at 450nm immediately. The binding activity of IL17RB with IL17B was shown

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and this effect was in a dose dependent manner.

Molecular Mass	19.4kDa
Purity	> 80%
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Store at -20°C for 12 months. Aliquot and store at -80°C for 12 months.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	IL17RB interleukin 17 receptor B [Homo sapiens]
Official Symbol	IL17RB
Synonyms	IL17RB; interleukin 17 receptor B; IL17BR, interleukin 17B receptor; interleukin-17 receptor B; CRL4; EVI27; IL17RH1; IL-17RB; IL-17Rh1; IL-17B receptor; IL-17 receptor B; cytokine receptor CRL4; IL-17 receptor homolog 1; cytokine receptor-like 4; interleukin 17B receptor; interleukin-17B receptor; interleukin 17 receptor homolog 1; IL17BR; MGC5245;
Gene ID	55540
mRNA Refseq	NM_018725
Protein Refseq	NP_061195
MIM	605458

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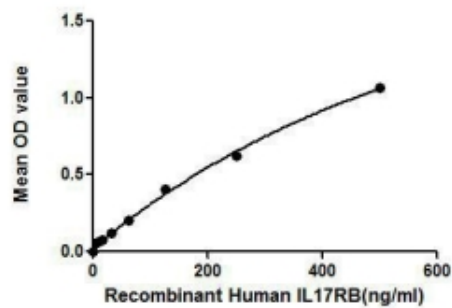
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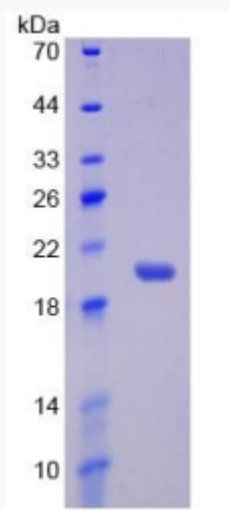
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Activity



SDS-PAGE



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