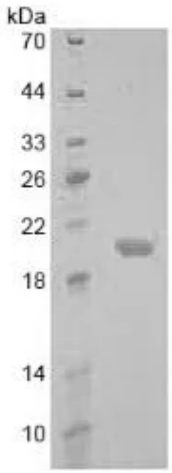
Active Interleukin 17 Receptor B (IL17RB)

Catalog#:PEH12916

概述（Summary）

别称（Alternative Names）	IL17R-B; CRL4; EVI27; IL17BR; IL17RH1; Cytokine receptor-like 4; IL-17 receptor homolog 1
纯度（Purity）	Greater than 80% as determined by reducing SDS-PAGE.
内毒素（Endotoxin level）	Please contact with the lab for this information
蛋白构建（Construction）	【Asp61-Thr200】
Accession #	Q9NRM6
表达宿主（Host）	E.coli
种属（Species）	Homo sapiens (Human)
预测分子量（Predicted MW）	19.4 kDa
制剂（Form）	Lyophilized from a 0.2 μm filtered solution of 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
运输方式（Shipping）	The product is shipped with ice bag. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存（Stability &Storage）	12 months at -20°C to -80°C in lyophilized state.6 months at -20°C to -80°C under sterile conditions after reconstitution.7-10 days at 2°C to 8°C under sterile conditions after reconstitution.Please minimize freeze-thaw cycles.
复溶（Reconstitution）	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
背景介绍（References）	Receptor for the proinflammatory cytokines IL17B and IL17E. May play a role in controlling the growth and/or differentiation of hematopoietic cells.

电泳图（SDS-PAGE image）



Greater than 80% as determined by reducing SDS-PAGE.

活性图（Bioactivity image）

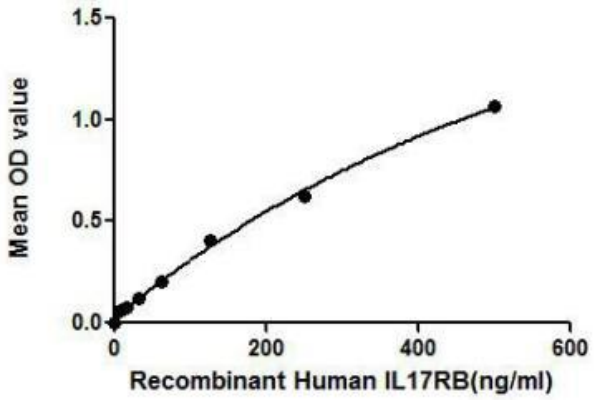


Figure 1. The binding activity of IL17RB with IL17B.

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 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.

注意事项（Note）

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