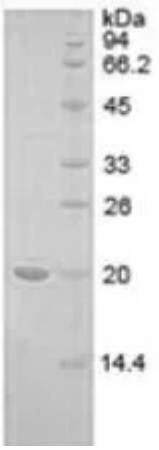
Active Interleukin 17 Receptor D (IL17RD)

Catalog#:PEH12914

概述（Summary）

别称（Alternative Names）	SEF; IL17RLM; IL-17RD; IL17R-D; IL17Rhom; Interleukin-17 receptor-like protein
纯度（Purity）	Greater than 90% as determined by reducing SDS-PAGE.
内毒素（Endotoxin level）	Please contact with the lab for this information
蛋白构建（Construction）	【Thr157-Arg299】
Accession #	Q8NFM7
表达宿主（Host）	E.coli
种属（Species）	Homo sapiens (Human)
预测分子量（Predicted MW）	18.0 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）	Feedback inhibitor of fibroblast growth factor mediated Ras-MAPK signaling and ERK activation. Regulates the nuclear ERK signaling pathway by spatially blocking nuclear translocation of activated ERK without inhibiting cytoplasmic phosphorylation of ERK. Mediates JNK activation and may be involved in apoptosis. May inhibit FGF-induced FGFR1 tyrosine phosphorylation. Might have a role in the early stages of fate specification of GnRH-secreting neurons. Inhibits TGFB-induced epithelial-to-mesenchymal transition in lens epithelial cells.

电泳图（SDS-PAGE image）



Greater than 90% as determined by reducing SDS-PAGE.

活性图（Bioactivity image）

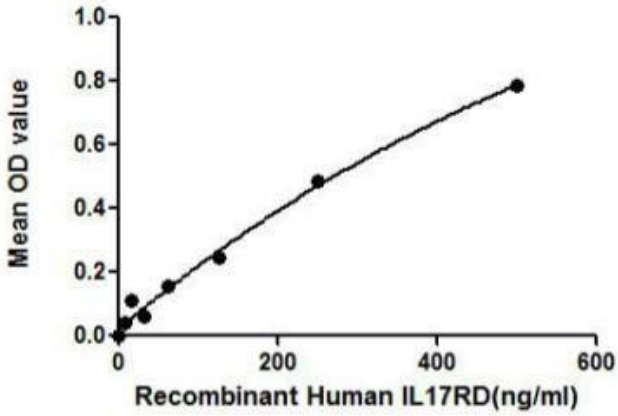


Figure 2. The binding activity of IL17RD with IL17.

IL17RD (interleukin-17 receptor D) is a membrane protein belonging to the IL17R protein family, acting as a component of the interleukin-17 receptor signaling complex. Knowing that the interaction between this protein and IL-17R does not require the interleukin, we have conducted a binding a binding ELISA assay to detect the interaction of recombinant human IL17RD with both recombinant human IL17RA and IL17. Briefly, IL17RD were diluted serially in PBS, with 0.01%BSA (pH 7.4). Duplicate samples of 100uL were then transferred to IL17RA-coated or IL17-coated microtiter wells and incubated for 2h at 37°C. Wells were washed with PBST and incubated for 1h with anti-IL17RA pAb and anti-IL17 pAb separately, 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 IL17RD with IL17RA and IL17 was shown in Figure 1 and Figure 2 respectively and this effect was in a dose dependent manner.

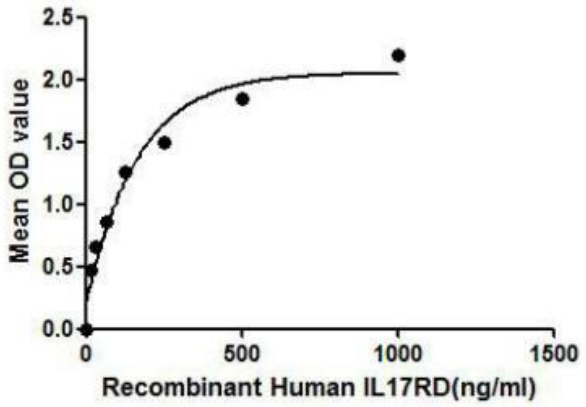


Figure 1. The binding activity of IL17RD with IL17RA.

注意事项（Note）

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