

Active Recombinant Human IL17RD protein, His-tagged

Cat. No. IL17RD-7983H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human IL17RD protein(Q8NFM7)(157-299 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	157-299 aa
Form	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Bio-activity	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 50μ stop solution to the wells and

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read at 450nm immediately. The binding activity of IL17RD with IL17RA and IL17 was shown and this effect was in a dose dependent manner.

Molecular Mass 18.0kDa

Purity > 90%

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 IL17RD interleukin 17 receptor D [Homo sapiens]

Official Symbol IL17RD

Synonyms IL17RD; interleukin 17 receptor D; interleukin-17 receptor D; FLJ35755; IL 17RD; IL17RLM; SEF; hSef; IL17Rhom; sef homolog; IL-17 receptor D; interleukin-17 receptor-like protein; IL-17RD; MGC133309; DKFZp434N1928;

Gene ID 54756

mRNA Refseq NM_017563

Protein Refseq NP_060033

MIM 606807

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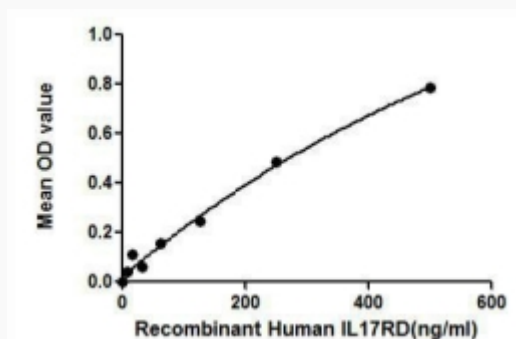
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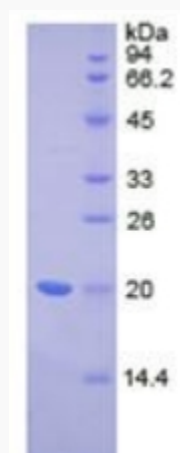
UniProt ID

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Activity



SDS-PAGE



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