

[Go to Product page](#)

Datasheet for ABIN6239809

IL17RD Protein (AA 157-299) (His tag)

Overview

Quantity:	50 µg
Target:	IL17RD
Protein Characteristics:	AA 157-299
Origin:	Human
Source:	Escherichia coli (E. coli)
Biological Activity:	Active
Purification tag / Conjugate:	This IL17RD protein is labelled with His tag.
Application:	Activity Assay (AcA), Cell Culture (CC)

Product Details

Characteristics:	Tag location: N-terminal His Tag
Purity:	> 90 %
Biological Activity Comment:	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

Product Details

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 The binding activity of IL17RD with IL17RA. Figure 2. The binding activity of IL17RD with IL17.

Target Details

Target:	IL17RD
Abstract:	IL17RD Products
Background:	Alternative Names: SEF, IL17RLM, IL-17RD, IL17R-D, IL17Rhom, Interleukin-17 receptor-like protein
Molecular Weight:	20kDa
UniProt:	Q8NFM7
Pathways:	Toll-Like Receptors Cascades

Application Details

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

Handling

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.