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Datasheet for ABIN6239767

IL17C Protein (AA 36-187) (His tag)

Overview

Quantity:	50 µg
Target:	IL17C
Protein Characteristics:	AA 36-187
Origin:	Human
Source:	Escherichia coli (E. coli)
Biological Activity:	Active
Purification tag / Conjugate:	This IL17C protein is labelled with His tag.
Application:	Activity Assay (AcA), Cell Culture (CC)

Product Details

Characteristics:	Tag location: N-terminal His Tag
Purity:	> 95 %
Biological Activity Comment:	IL17C (Interleukin-17C) is a T cell-derived cytokine that shares the sequence similarity with IL17. IL17C is thought to play a crucial role in innate immunity of the epithelium. IL17C binds to IL17RA with affinity. Thus, a binding ELISA assay was constructed to detect the association of recombinant human IL17C with recombinant human IL17RA. Briefly, IL17C were diluted serially in PBS with 0.1%BSA (pH 7.4). Duplicate samples of 100uL were then transferred to IL17RA-coated microtiter wells and incubated for 2h at 37°C. Wells were washed with PBST and incubated for 1h with anti-IL17 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 IL17C with

Product Details

IL17RA was shown in Figure 1 and this effect was in a dose dependent manner The binding activity of IL17C with IL17RA.

Target Details

Target:	IL17C
Abstract:	IL17C Products
Background:	Alternative Names: Cytokine CX2
Molecular Weight:	19kDa
UniProt:	Q9P0M4
Pathways:	Cellular Response to Molecule of Bacterial Origin

Application Details

Application Notes:	Isoelectric Point: 8.6
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.