

Datasheet for ABIN6239763

IL-17 Protein (AA 20-155) (His tag)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	IL-17 (IL17)
Protein Characteristics:	AA 20-155
Origin:	Human
Source:	Escherichia coli (E. coli)
Biological Activity:	Active
Purification tag / Conjugate:	This IL-17 protein is labelled with His tag.
Application:	Activity Assay (AcA), Cell Culture (CC)

Product Details

Characteristics:	Tag location: N-terminal His Tag
Purity:	> 97 %
Biological Activity Comment:	IL17 (interleukin 17) is a member of IL17 cytokine family, which is a proinflammatory cytokine produced by activated T cells. This cytokine regulates the activities of NF-kappaB and mitogen-activated protein kinases. It is reported that IL17 is a ligand for IL17RA, indicating its interaction with IL17RA. Thus, a binding ELISA assay was constructed to detect the association of recombinant human IL17 with recombinant human IL17RA. Briefly, IL17 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

Product Details

solution to the wells and read at 450nm immediately. The binding activity of IL17 with IL17RA was shown in Figure 1 and this effect was in a dose dependent manner The binding activity of IL17 with IL17RA.

Target Details

Target:	IL-17 (IL17)
Abstract:	IL17 Products
Background:	Alternative Names: IL17A, CTLA8, IL-17A, Cytotoxic T-Lymphocyte-Associated Protein 8
Molecular Weight:	20kDa
UniProt:	Q16552

Application Details

Application Notes:	Isoelectric Point: 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.