

Interleukin 17C (IL17C) Active Protein | IL17C active protein

Active Interleukin 17C (IL17C)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA148226	E Coli	Human	Activity Assay, Cell Culture

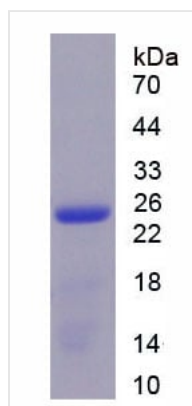
PRODUCT SYNONYMS

Interleukin 17C (IL17C); Active Interleukin 17C (IL17C); Cytokine CX2; IL17C active protein

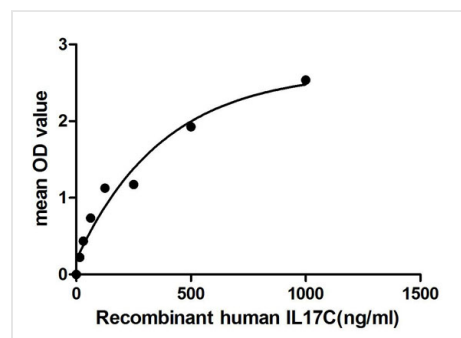
PRODUCT SPECIFICATIONS

Host	E Coli
Reactivity	Human
Purity/Purification	> 95%
Form/Format	Freeze-dried powder
Sequence Length	197
Applicable Applications for IL17C active protein	Activity Assay, Cell Culture
Tag	N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Fragment	Cys36~Val187
Isoelectric Point	8.6

IMAGES



SDS-PAGE



Activity

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 with affinity to IL17RA. Thus, a binding ELISA assay was constructed to detect the association of rhIL17C with IL17RA. Briefly, rhIL17C 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 degree 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 degree C. Finally, add 50uL stop solution to the wells and read at 450nm immediately. The binding activity of IL17C with IL17RA was shown in Figure 1 and this effect was in a dose dependent manner. Figure. The binding activity of IL17C with IL17RA.

ADDITIONAL INFORMATION

Product Categories/Family for IL17C active protein	Cytokine
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7019435
NCBI GeneID	27189
NCBI Accession #	NP_037410.1
NCBI GenBank Nucleotide #	NM_013278.3
UniProt Accession #	Q9P0M4; Q3MIG8; Q9HC75
Molecular Weight	Predicted Molecular Weight: 20.5kDa Accurate Molecular Weight: 19kDa
NCBI Official Full Name	interleukin-17C
NCBI Official Synonym Full Names	interleukin 17C
NCBI Official Symbol	IL17C
NCBI Official Synonym Symbols	CX2; IL-17C
NCBI Protein Information	interleukin-17C
UniProt Protein Name	Interleukin-17C
UniProt Gene Name	IL17C
UniProt Synonym Gene Names	IL-17C

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/e-coli-human-active-protein/interleukin-17c-il17c/148226>