Active Recombinant Human IL17C protein, His-tagged

Cat. No. IL17C-1474H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human IL17C protein(Q9P0M4)(MG+19-197 aa+LEHHHHHH), fused with C-His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	MG+19-197 aa+LEHHHHHH
Form	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Bio-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°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 50µ stop solution to the wells and read at 450nm immediately. The binding activity of IL17C with IL17RA was shown and this effect was in a dose dependent manner.

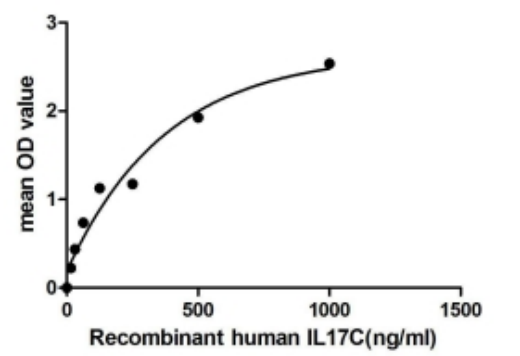
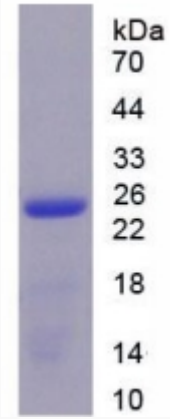
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Molecular Mass	21.kDa
Purity	> 95%
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Store at -20°C for 12 months. Aliquot and store at -80°C for 12 months.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	IL17C interleukin 17C [Homo sapiens]
Official Symbol	IL17C
Synonyms	IL17C; interleukin 17C; interleukin-17C; CX2; IL 17C; IL 21; MGC126884; MGC138401; cytokine CX2; IL-21; IL-17C;
Gene ID	27189
mRNA Refseq	NM_013278
Protein Refseq	NP_037410
MIM	604628
UniProt ID	Q9P0M4

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Activity	
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