

## Active Recombinant Human IL17RC protein, His-tagged

Cat. No. IL17RC-596H Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Active Recombinant Human IL17RC protein(Q8NAC3)(257-477 aa), fused with N-terminal His tag, was expressed in E.coli.

**Species** Human

**Source** E.coli

**ProteinLength** 257-477 aa

**Form** PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

**Bio-activity**

IL17RC (Interleukin-17 receptor C) is a receptor for IL17A and IL17F homodimers as part of a heterodimeric complex with IL17RA. This protein is expressed in nonhemopoietic tissues, and binds both IL-17A and IL-17F with similar affinities. A binding ELISA assay was conducted to detect the association of IL17RC with IL17RA. Briefly, IL17RC were diluted serially in PBS with 0.01%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-IL17RC 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 IL17RC with IL17RA was shown and this effect was in a dose dependent manner.

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<b>Molecular Mass</b>	28.6kDa
<b>Purity</b>	> 97%
<b>Storage</b>	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.
<b>Reconstitution</b>	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

## GENE INFORMATION

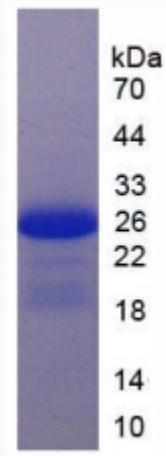
<b>Gene Name</b>	IL17RC interleukin 17 receptor C [ Homo sapiens ]
<b>Official Symbol</b>	IL17RC
<b>Synonyms</b>	IL17RC; interleukin 17 receptor C; interleukin-17 receptor C; IL17 RL; IL-17RL; IL17Rhom; zcytoR14; IL17F receptor; IL-17 receptor C; interleukin-17 receptor homolog; interleukin-17 receptor-like protein; IL17RL; IL17-RL; FLJ95963; FLJ96005; MGC10763;
<b>Gene ID</b>	84818
<b>mRNA Refseq</b>	NM_001203263
<b>Protein Refseq</b>	NP_001190192
<b>MIM</b>	610925
<b>UniProt ID</b>	Q8NAC3

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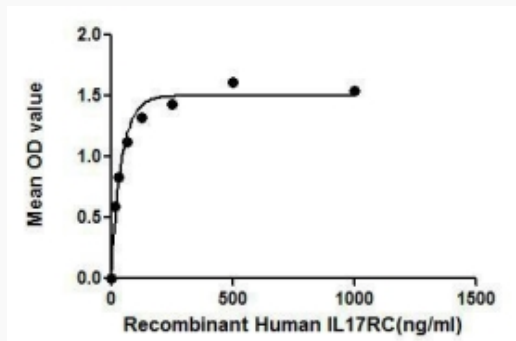
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**SDS-PAGE**



**Activity**



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