

## Recombinant Human IL17RC, His-tagged

Cat. No. IL17RC-14159H Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Recombinant Human IL17RC protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.

**Species** Human

**Source** E.coli

**ProteinLength** 1-350a.a.

**Description** This gene encodes a single-pass type I membrane protein that shares similarity with the interleukin-17 receptor (IL-17RA). Unlike IL-17RA, which is predominantly expressed in hemopoietic cells, and binds with high affinity to only IL-17A, this protein is expressed in nonhemopoietic tissues, and binds both IL-17A and IL-17F with similar affinities. The proinflammatory cytokines, IL-17A and IL-17F, have been implicated in the progression of inflammatory and autoimmune diseases. Multiple alternatively spliced transcript variants encoding different isoforms have been detected for this gene, and it has been proposed that soluble, secreted proteins lacking transmembrane and intracellular domains may function as extracellular antagonists to cytokine signaling.

**Storage** The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.

**Storage Buffer** 1M PBS (58mM Na<sub>2</sub>HPO<sub>4</sub>, 17mM NaH<sub>2</sub>PO<sub>4</sub>, 68mM NaCl, pH8. ) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

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**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
<b>Chromosome Location</b>	3p25.3
<b>Function</b>	receptor activity;

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