Active Recombinant Human Interleukin 17 Receptor C, HIgG1 Fc-tagged

Cat. No. IL17RC-645H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The extracellular domain of human IL-17RC (NP_116121.2)(Leu21-Ala454) is fused to the N-terminus of the Fc region of a human IgG1 was expressed in CHO cell.
Species	Human
Source	CHO
ProteinLength	21-454 a.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.
Form	Lyophilized from 0.2μm-filtered solution in PBS.
Bio-activity	Measured by its ability to bind rhIL-17 in a functional ELISA.

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Molecular Mass	74KDa (monomer)
AA Sequence	Leu21-Ala454
Endotoxin	<0.06 eu/μg="" as="" determined="" by="" lal="">
Purity	>98%, by SDS-PAGE under reducing conditions.
Stability	Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.
Reconstitution	Reconstitute at 100μg/ml in sterile PBS.
Warning	Avoid freeze/thaw cycles.

GENE INFORMATION

Gene Name	IL17RC interleukin 17 receptor C [Homo sapiens]
Official Symbol	IL17RC
Synonyms	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;
Gene ID	84818
mRNA Refseq	NM_001203263
Protein Refseq	NP_001190192

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MIM	610925
UniProt ID	Q8NAC3
Chromosome Location	3p25.3
Function	receptor activity;

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