

## Recombinant Human Interleukin 17C, His-tagged

Cat. No. IL17C-291H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human IL-17C with His-tag was expressed in <i>Insect cell</i> . MW= 19.793 kDa.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>Description</b>	IL-17C is a member of the IL-17 family, which is comprised of six proteins (IL-17A through IL-17F). IL-17 proteins are pro-inflammatory cytokines that induce local cytokine production and are involved in the regulation of immune functions. IL-17C has been reported to stimulate the release of TNF-alpha and IL-1 $\beta$ from the monocytic cell line THP-1. IL-17C shares 15% to 30% amino acid sequence identity with the other IL-17 family members. Mouse and human IL-17C share 83% amino acid sequence identity. Human IL-17C cDNA encodes a 197 amino acid protein with a putative 18 amino acid signal peptide. The recombinant human IL-17C is a disulfide-linked homodimer composed of a 19.8 kDa monomeric subunit.
<b>Handling Conditions</b>	For best recovery, quick-spin vial prior to opening. Use in a sterile environment.
<b>Purity</b>	Greater than 98% as determined by SDS-PAGE.
<b>Endotoxin Level</b>	Less than 0.01 ng/ug cytokine as determined by the LAL assay.
<b>Bioactivity</b>	Testing in progress.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Formulation** 20 mM Phosphate, 0.2 M NaCl, pH 6.0, with 1.0% BSA.

**Temperature Limitation** Store at less than or equal to –70°C.

## GENE INFORMATION

**Gene Name** IL17C interleukin 17C [ Homo sapiens ]

**Synonyms** interleukin 17C; CX2; IL-21; IL-17C; MGC126884; MGC138401; IL17C; interleukin-17C; cytokine CX2; Cytokine CX2

**Gene ID** 27189

**mRNA Refseq** NM\_013278

**Protein Refseq** NP\_037410

**UniProt ID** Q9P0M4

**Chromosome Location** 16q24

**MIM** 604628

**Function** cytokine activity

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA