

## Recombinant Human Interleukin 17C, Fc Chimera

**Cat. No.** IL17C-280H    **Lot. No.** (See product label)

### SPECIFICATION

**Product Overview**      Recombinant Human Interleukin 17C is produced in mammalian cells and fused with human IgG1Fc. IL-17C (C-terminus fused with human IgG1Fc) contains 408 amino acids with predicted MW 45.43 kDa x 2 (dimer) and 14 cysteines (Fc has 6) with no N-link glycosylation site. It stimulates the release of tumor necrosis factor alpha and IL-1beta from the monocytic cell line THP-1.

**Species**      Human

**Source**      Mammalian Cells

**Description**      Interleukin-17 (IL-17, or IL-17A) is the founding member of a group of cytokines called the IL-17 family. IL-17A, was originally identified as a transcript from a rodent T-cell hybridoma by Rouvier et al. in 1993. Known as CTLA8 in rodents, IL-17 shows high homology to viral IL-17 encoded by an open reading frame of the T lymphotropic rhadinovirus Herpesvirus saimiri. To elicit its functions, IL-17 binds to a type I cell surface receptor called IL-17R of which there are at least three variants IL17RA, IL17RB, and IL17RC.

**Purity**      >90%.

**Quantity**      2.0mg/2ml PBS.

**Availability**      Back order, one month for production.

**Storage**      -70°C.

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## GENE INFORMATION

<b>Gene Name</b>	IL17C interleukin 17C [ Homo sapiens ]
<b>Synonyms</b>	IL17C; interleukin 17C; CX2; IL-21; IL-17C; MGC126884; MGC138401; interleukin-17C; cytokine CX2
<b>Gene ID</b>	27189
<b>mRNA Refseq</b>	NM_013278
<b>Protein Refseq</b>	NP_037410
<b>MIM</b>	604628
<b>UniProt ID</b>	Q9P0M4
<b>Chromosome Location</b>	16q24
<b>Function</b>	cytokine activity

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