Recombinant Human Interleukin 17C Carrier-Free, His-tagged

Cat. No. IL17C-293H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human Carrier-Free IL-17C with His-tag was expressed in*Insect cell.*MW= 19.793 kDa.
Species	Human
Source	Insect Cells
Description	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-1β 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.
Handling Conditions	For best recovery, quick-spin vial prior to opening. Use in a sterile environment.
Purity	Greater than 98% as determined by SDS-PAGE.
Endotoxin Level	Less than 0.01 ng/ug cytokine as determined by the LAL assay.
Bioactivity	Testing in progress.

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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

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