

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

Cat. No. II17c-292M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Carrier-Free protein IL-17C with His-tag was expressed in <i>Insect cell</i> . MW= 22.036 kDa.
Species	Mouse
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 re-regulation of immune functions. IL-17C has been reported to stimulate the release of TNF-alpha and IL-1 β 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. Mouse IL-17C cDNA encodes a 194 amino acid protein with a putative 14 amino acid signal peptide. The recombinant mouse IL-17C is a disulfide-linked homodimer composed of a 20.2 kDa monomeric subunit.
Handling Conditions	For best recovery, quick-spin vial prior to opening. Use in a sterile environment.
Purity	Greater than 97% 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 \[Mus musculus \]](#)

Synonyms interleukin 17C; IL-17C; MGC175740; IL17c

Gene ID [234836](#)

mRNA Refseq [NM_145834](#)

Protein Refseq [NP_665833](#)

Chromosome Location 8 E1; 8

Function cytokine activity

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