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

Cat. No. Il17c-292M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Carrier-Free protein IL-17C with His-tag was expressed in*Insect cell.*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-gulation 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. 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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