

Mouse IL-17C Recombinant Protein


Catalog Number: 14-8174

Also Known As: Interleukin 17C

RUO: For Research Use Only

Product Information

Contents: Mouse IL-17C Recombinant Protein

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Handling Conditions: For best recovery, quick-spin vial prior to opening. Use in a sterile environment

Source: Insect cell expressed His tag + H15-Q194 of mature mouse IL-17C (accession #NP_665833).

Molecular Mass: The protein has a predicted molecular mass of 22,036 daltons.

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.

Formulation: Sterile liquid: 20 mM phosphate, 0.2 M NaCl, pH 6.0, with 1.0% BSA. 0.22 µm filtered.

 Temperature Limitation: Store at less than or equal to -70°C.

 Batch Code: Refer to Vial

 Use By: Refer to Vial

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- α 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.

Applications Reported

Recombinant Mouse IL-17C has been reported for use in cytokine bioassays.

Applications Tested

Currently there is no reliable bioassay available for the recombinant mouse IL-17C.

References

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Related Products

14-8171 Mouse IL-17A Recombinant Protein

14-8179 Human IL-17A Recombinant Protein

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