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## Human IL-17C Recombinant Protein Carrier-Free

Catalog Number: 34-8177

Also Known As: Interleukin 17C

RUO: For Research Use Only

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### Product Information

Contents: Human IL-17C Recombinant Protein Carrier-Free

 Catalog Number: 34-8177

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

Source: Insect cell expressed AQPAVHHHHHSAGIEGR+His19-Val197 of mature human IL-17C (accession #NM\_013278).

Molecular Mass: The protein has a predicted molecular mass of 19,793 daltons.

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.

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



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



Batch Code: Refer to Vial



Use By: Refer to Vial

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### 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-1 beta 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.

### Applications Tested

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

### References

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Hurst, S. D. Muchamuel, T. Gorman, D. M. Gilbert, J. M. Clifford, T. Kwan, S. Menon, S. Seymour, B. Jackson, C. Kung, T. T. Brieland, J. K. Zurawski, S. M. Chapman, R. W. Zurawski, G. Coffman, R. L. New IL-17 family members promote Th1 or Th2 responses in the lung: in vivo function of the novel cytokine IL-25. *J Immunol.* 2002 Jul 1;169(1):443-53.

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### Related Products

14-8171 Mouse IL-17A Recombinant Protein

14-8179 Human IL-17A Recombinant Protein

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