

Recombinant Human IL-17C Protein

Catalog No.: RP02709

Sequence Information

Species **Gene ID**
Human 27189

Swiss Prot **Tags**
Q9P0M4 C-His

Synonyms

CX2; Cytokine CX2; IL17C; IL-17C;
IL-17CMGC126884

Product Information

Source **Purification**
HEK293 cells ≥ 95 % as
 determined by
 SDS-PAGE.

Calculated MW **Observed MW**
20.58 kDa 20-25 kDa

Endotoxin

< 0.01 EU/μg of the protein by LAL
method

Formulation

Reconstitution

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

Interleukin 17C (IL-17C) is a 15-20 kDa glycosylated cytokine that plays an important role in mucosal immunity and chronic inflammation. The six IL-17 cytokines (IL-17A-F) are encoded by separate genes but adopt a conserved cystine knot fold. IL-17C is Cytokine that plays a crucial role in innate immunity of the epithelium, including to intestinal bacterial pathogens, in an autocrine manner. Stimulates the production of antibacterial peptides and proinflammatory molecules for host defense by signaling through the NF-κappa-B and MAPK pathways. Acts synergically with IL22 in inducing the expression of antibacterial peptides, including S100A8, S100A9, REG3A and REG3G.

Basic Information

Description

Recombinant Human IL-17C Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (His19-Val197) of Human IL-17C (Accession #NP_037410.1) fused with a His tag at the C-terminus.

Activity

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

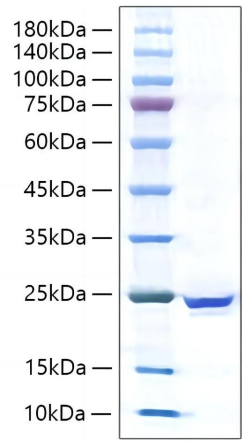
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Validation Data



Recombinant Human IL-17C Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.