



Recombinant human IL-17A

Human interleukin 17A

Catalog # KPG-ReHIL17A

IL-17A is an important inflammatory cytokine produced by adaptive immunity cells, including Th17. This is an important adaptive immunity cytokine to induce immune responses against fungi and bacteria. It also participates in the pathogenesis of autoimmune disorders. The cytokine has a molecular mass each of 16 kilo Daltons. Recombinant human IL-17A can be intended for use in *in vivo* and *in vitro* applications. Recombinant human IL-17A is produced in E. coli BL21 transfected with the full-length sequence for the human IL-17A gene in the PET21b+.

PRODUCT INFORMATION

Content:

- 100 ng of lyophilized recombinant human IL-17A

Storage and stability:

- Recombinant human IL-17A is shipped and stored at -20°C.
- Upon receipt, add 1 mL sterile distilled water and prepare aliquots of recombinant human IL-17A and store at -20°C for 12 months.

Note: Avoid repeated freeze-thaw cycles.

Quality control

- Purity greater than 98% as determined by SDS-PAGE.
- Endotoxin levels <0.1 EU/μg as determined using a kinetic chromogenic LAL assay.
- Biological activity was not tested.
- Did not Sterile. Please sterile after reconstitution using 0.22 μm filter.
- Expression system: E. coli BL21 strain
- Accession: Q16552
- Protein length: Full length protein
- Animal free: Yes
- Carrier free: Yes
- Nature: Recombinant
- Predicted molecular weight: 16 kDa

CHARACTERISTICS

Source: Bacteria; E. coli BL21

Predicted molecular mass: ≈ 16 kDa (as determined by SDS-PAGE)

Formulation:

Recombinant human IL-17A needs to be sterilized by filtered from 0.22 μm filter.
Solubility: 20 μg/ml in water

RELATED PRODUCTS

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Recombinant Human IL-1β
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Recombinant Human IL-4
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Recombinant Human IL-12
Recombinant Human IL-13
Recombinant Human IL-18
Recombinant Human IL-29
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