



Recombinant human IL-10

Human interleukin 10

Catalog # KPG-ReHIL10

IL-10 is an important anti-inflammatory cytokine produced by some cells, such as macrophages and T regulatory lymphocytes. This is an important innate and adaptive immune cytokine, which plays an important role in the induction of homeostasis and prevention of hypersensitivities. The cytokine has a molecular mass each of 19 kilo Daltons. Recombinant human IL-10 can be intended for use in *in vivo* and *in vitro* applications. Recombinant human IL-10 is produced in E. coli BL21 transfected with the full-length sequence for the human IL-10 gene in the PET21b+.

PRODUCT INFORMATION

Content:

- 100 ng of lyophilized recombinant human IL-10

Storage and stability:

- Recombinant human IL-10 is shipped and stored at -20°C.
- Upon receipt, add 1 mL sterile distilled water and prepare aliquots of recombinant human IL-10 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: P22301.1
- Protein length: Full length protein
- Animal free: Yes
- Carrier free: Yes
- Nature: Recombinant
- Predicted molecular weight: 19 kDa

CHARACTERISTICS

Source: Bacteria; E. coli BL21

Predicted molecular mass: ≈ 19 kDa (as determined by SDS-PAGE)

Formulation:

Recombinant human IL-10 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-4
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Recombinant Human IL-17A
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