



Recombinant human IL-29

Human interleukin 29

Catalog # KPG-ReHIL29

IL-29, which is known as interferon lambda 1, is an important inflammatory cytokine produced by several cells. This is an important cytokine to induce development of immune responses against viral infections. It also participates in the pathogenesis of autoimmune disorders. IL-29 plays controversial roles and in some cases play anti-inflammatory roles. The cytokine has a molecular mass each of 20 kilo Daltons. Recombinant human IL-29 can be intended for use in *in vivo* and *in vitro* applications. Recombinant human IL-29 is produced in E. coli BL21 transfected with the full-length sequence for the human IL-29 gene in the PET21b+.

PRODUCT INFORMATION

Content:

- 100 ng of lyophilized recombinant human IL-29

Storage and stability:

- Recombinant human IL-29 is shipped and stored at -20°C.
- Upon receipt, add 1 mL sterile distilled water and prepare aliquots of recombinant human IL-29 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: Q8IU54.1
- Protein length: Full length protein
- Animal free: Yes
- Carrier free: Yes
- Nature: Recombinant
- Predicted molecular weight: 20 kDa

CHARACTERISTICS

Source: Bacteria; E. coli BL21

Predicted molecular mass: ≈ 20 kDa (as determined by SDS-PAGE)

Formulation:

Recombinant human IL-29 needs to be sterilized by filtered from 0.22 μm filter.

Solubility: 20 μg/ml in water

RELATED PRODUCTS

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