



Recombinant human CCL21

Human CCL21

Catalog # KPG-ReHC21

CCL21 is an important inflammatory cytokine produced by several cells. This is an important cytokine. The main function of CCL21 is to guide CCR7 expressing leukocytes, such as naïve T lymphocytes and mature dendritic cells, to the secondary lymphoid organs, including lymph nodes and Peyer's patches. The cytokine has a molecular mass each of 12 kilo Daltons. Recombinant human CCL21 can be intended for use in *in vivo* and *in vitro* applications. Recombinant human CCL21 is produced in E. coli BL21 transfected with the full-length sequence for the human CCL21 gene in the PET21b+.

PRODUCT INFORMATION

Content:

- 100 ng of lyophilized recombinant human CCL21

Storage and stability:

- Recombinant human CCL21 is shipped and stored at -20°C.
- Upon receipt, add 1 mL sterile distilled water and prepare aliquots of recombinant human CCL21 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: Q6ICR7
- Protein length: Full length protein
- Animal free: Yes
- Carrier free: Yes
- Nature: Recombinant
- Predicted molecular weight: 12 kDa

CHARACTERISTICS

Source: Bacteria; E. coli BL21

Predicted molecular mass: ≈ 12 kDa (as determined by SDS-PAGE)

Formulation:

Recombinant human CCL21 needs to be sterilized by filtered from 0.22 μm filter.
Solubility: 20 μg/ml in water

RELATED PRODUCTS

Recombinant Human TNF-α
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Recombinant Human IL-4
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Recombinant Human IL-12
Recombinant Human IL-13
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