



Recombinant Human IL21 Protein, GMP Grade

Product Information

Cat#

IL21-065THP

Common Name

IL21

Product Name

Recombinant Human IL21 Protein, GMP Grade

Product Overview

Recombinant Human IL21 Protein without tag was produced in an animal component free process under cGMP guidelines.

Description

This gene encodes a member of the common-gamma chain family of cytokines with immunoregulatory activity. The encoded protein plays a role in both the innate and adaptive immune responses by inducing the differentiation, proliferation and activity of multiple target cells including macrophages, natural killer cells, B cells and cytotoxic T cells. Dysregulation of this gene plays a role in multiple immune-mediated diseases including lupus, psoriasis and chronic inflammatory diseases. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

Species

Human

Molecular Mass

15.580 kDa

Endotoxin

<0.1 EU/μg of the protein by the LAL method

Purity



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> 99 % by SDS-PAGE and HPLC analysis

Applications

Metastatic or Recurrent Melanoma

Usage

Neoplasms by Site; Renal Cell Adenocarcinoma; Malignancies / Ovarian Cancer

Gene Name

[IL21 interleukin 21 \[Homo sapiens \(human\) \]](#)

Official Symbol

[IL21](#)

Synonyms

IL21; interleukin 21; interleukin-21; IL 21; Za11; interleukin-21 isoform; IL-21;

GeneID

[59067](#)

mRNA Refseq

[NM_001207006](#)

Protein Refseq

[NP_001193935](#)

MIM

[605384](#)

UniProt ID

[Q9HBE4](#)
