Human IL-17B, His Tag, E. coli

Catalog Number	LDG020PHE
Package	5 μg / 20 μg / 100 μg / Customized package

For full product information, images and publications, please visit our website.

Specifications

Species of Origin

Human

Expression System

Escherichia coli

Affinity Tag

His Tag (C-term)

Storage Buffer

Lyophilized from a 0.2 μm filtered solution of PBS, pH 8.0.

Purity

>98% as determined by SDS-PAGE analysis.

Molecular weight

The protein has a calculated MW of 19.09 kDa. The protein migrates as 17 kDa under reducing condition (SDS-PAGE analysis).

Activity

Measure by its ability to induce IL-8 secretion in human PBMCs. The ED_{50} for this effect is <49 ng/mL.

Endotoxin Level

<0.1 EU per 1 μg of the protein by the LAL method.

Form

Lyophilized

Background

Tainan Headquarters
+886-6-2536677
bd@leadgene.com.tw

Innovation & Research Center
+886-2-27065528

CLD Center
+886-6-2536677

Background

Interleukin 17B (IL-17B) predicts a molecular mass of 20.4 kDa, is expressed in several peripheral tissues and immune tissues. In contrast to the high level of IL-6 secretion stimulated by IL-17A, IL-17B failed to induce IL-6 secretion in fibroblasts; however, it significantly enhanced the TNF-α-induced production of G-CSF and IL-6 in the fibroblasts

Synonyms

Cytokine Zcyto7, Interleukin-20, IL-20, Neuronal interleukin-17-related factor, Interleukin-17B

Uniprot ID

#Q9UHF5

Sequence Note

Gln21-Phe180

Instruction

Reconstitution

It is recommended to reconstitute the lyophilized protein in sterile H_2O to a concentration not less than 200 μg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.

Shipping

The product is shipped with polar packs. Upon receipt, store it immediately at -20°C or lower for long term storage.

Stability & Storage

This product is stable after storage at:

- -20°C for 12 months in lyophilized state from date of receipt.
- -20°C or -80°C for 1 month under sterile conditions after reconstitution.

Avoid repeated freeze/thaw cycles.

Image

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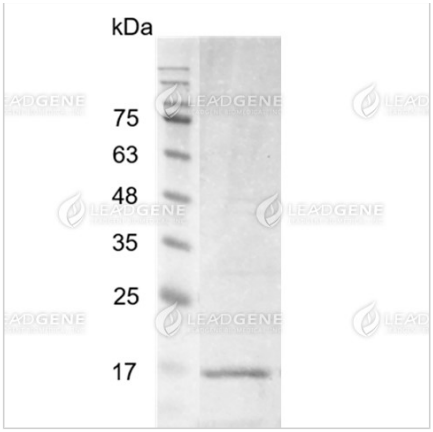

SDS-PAGE analysis of recombinant human IL-17B.

Disclaimer : For Research Use or Further Manufacturing Only.

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