Mouse IL-17F, His Tag, E. coli

Catalog Number	LDG042PME
Package	5 μg / 20 μg / 100 μg / Customized package

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

Specifications

Species of Origin

Mouse

Expression system

Escherichia coli

Affinity Tag

His Tag (C-term)

Buffer

Lyophilized from a 0.2 μm filtered solution containing 20 mM sodium citrate and 0.2 M NaCl, pH 4.5.

Purity

>98% as determined by SDS-PAGE analysis.

Molecular weight

The protein has a calculated MW of 15.82 kDa.
The protein migrates as 17-25 kDa under reducing condition (SDS-PAGE analysis).

Activity

Measure by its ability to induce IL-6 secretion in 3T3 cells. The ED_{50} for this effect is <100 ng/mL.

Endotoxin level

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

Form

Lyophilized

Background

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

Innovation & Research Center
+886-2-27065528

CLD Center
+886-6-2536677

Background

Interleukin 17F (IL-17F) predicts a molecular mass of 30.1 kDa, is a cytokine of innate and adaptive immune system involved in maintenance of tissue integrity and antimicrobial host defense against infection by inducing the expression of genes that encode other proinflammatory cytokines, such as tumor necrosis factor, interleukin 1, interleukin 6 and some members of the colony-stimulating factor family.

Synonyms

Interleukin-17F, IL-17F

Uniprot ID

#Q7TNI7

Sequence Note

Arg29-Ala161

Instruction

Reconstitution

It is recommended to reconstitute the lyophilized protein in sterile H_2O to a concentration of 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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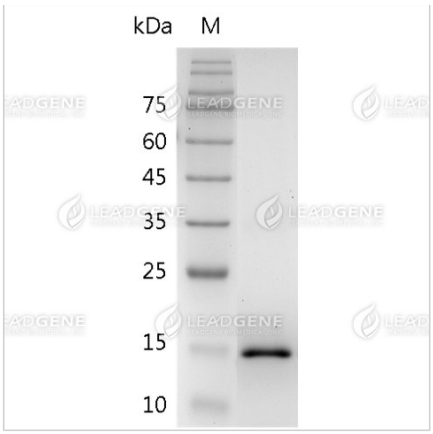

SDS-PAGE analysis of recombinant mouse IL-17F.

Disclaimer : For Research Use or Further Manufacturing Only.

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