

Mouse IL-27 (EBI3), His Tag, E. coli

Catalog Number	LDG050PME
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

Affinity Tag

His Tag (C-term)

Purity

>95% as determined by SDS-PAGE analysis.

Activity

Measure by its ability to protect HepG2 cells infected with encephalomyocarditis (EMC) virus. The ED₅₀ for this effect is <5 ng/mL.

Form

Lyophilized

Expression system

Escherichia coli

Buffer

Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Molecular weight

The protein has a calculated MW of 23.84 kDa. The protein migrates about 25 kDa under reducing condition (SDS-PAGE analysis).

Endotoxin level

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

Background

Tainan Headquarter

+886-6-2536677

bd@leadgene.com.tw

Innovation & Research Center

+886-2-27065528

CLD Center

+886-6-2536677

Background

Interleukin 27 EBI3 (IL-27 EBI3) predicts a molecular mass of 23.4 kDa. IL-27 is a heterodimeric cytokine that is encoded by Epstein-Barr virus-induced gene 3 (EBI3) and IL-27p28. It is expressed by antigen presenting cells and interacts with a specific cell-surface receptor complex known as IL-27 receptor (IL-27R).

Uniprot ID

#O35228

Synonyms

Interleukin-27 subunit beta, IL-27 subunit beta, IL-27B, Epstein-Barr virus-induced gene 3 protein homolog

Sequence Note

Ala23-Pro228

Instruction

Reconstitution

It is recommended to reconstitute the lyophilized protein in sterile H₂O to a concentration of 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.

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.

Shipping

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

Image

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SDS-PAGE analysis of recombinant mouse IL-27 (EBI3).

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