

Mouse IL-16, His Tag, E. coli

Catalog Number	LDG038PME
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.

Endotoxin Level

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

Expression System

Escherichia coli

Storage Buffer

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

Molecular weight

The protein has a calculated MW of 14.04 kDa. The protein migrates about 17 kDa under reducing condition (SDS-PAGE analysis).

Form

Lyophilized

Background

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Interleukin 16 (IL-16) predicts a molecular mass of 13.5 kDa, encoded by this gene is a pleiotropic cytokine that functions as a chemoattractant, a modulator of T cell activation, and an inhibitor of HIV replication, and signaling process of this cytokine is mediated by CD4.

Synonyms

Pro-interleukin-16

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Uniprot ID

AAC04383.1

Sequence Note

His499-Ser624

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

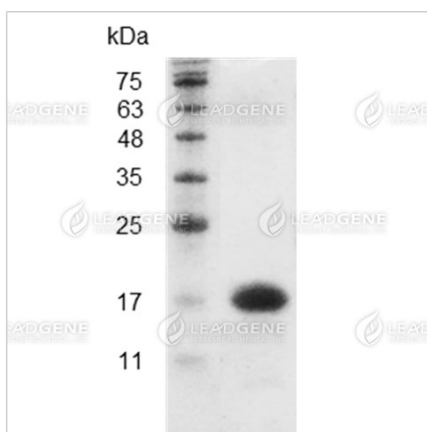
This product is stable after storage at:

- -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


SDS-PAGE analysis of recombinant mouse IL-16.



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