Swine EGF, His Tag, E. coli

Catalog Number	LDG023PSE
Package	5 μg / 20 μg / 100 μg / 1 mg / Customized package

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

Specifications

Species of Origin

Swine

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

>95% as determined by SDS-PAGE analysis.

Molecular weight

The protein has a calculated MW of 7.09 kDa.
The protein migrates below 11 kDa under reducing condition (SDS-PAGE analysis).

Endotoxin Level

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

Form

Lyophilized

Background

Background

EGF is mainly secreted from ectodermal cells, monocytes, kidney and duodenal glands. Upon binding to its receptor, EGFR, EGF acts to stimulate cell growth and proliferation of epithelial cells, play important roles in many developmental processes including accelerate tooth eruption, inhibits gastric acid secretion, and involve in wound healing.

Synonyms

Pro-epidermal Growth Factors, EGF

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Uniprot ID

#Q00968

Sequence Note

Asn970-Arg1022

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.

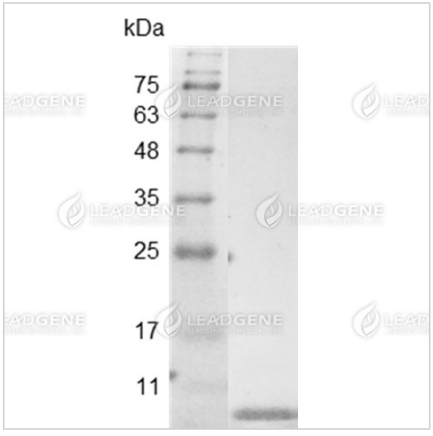
Stability & Storage

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



SDS-PAGE analysis of recombinant swine EGF.

Disclaimer : For Research Use or Further Manufacturing Only.

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