Swine VEGF, His Tag, E. coli

Catalog Number	LDG007PSE
Package	5 μg / 20 μg / 100 μg / 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 20.16 kDa. The protein migrates as 17-25 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

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Background

Swine Vascular endothelial Growth Factors (VEGF) is a protein that stimulate vasculogenesis and angiogenesis. SwineVEGF containing 165 residues with polyhistidine tag at the C-terminus. Swine VEGF is proteins involevd in embryonic development, new blood vessels repairing, and new vessels (collateral circulation) bypassing blocked vessels.

Synonyms

Vascular endothelial Growth Factors A, VEGF-A, Vascular permeability factor, VPF

Uniprot ID

#P49151

Sequence Note

Ala27-Arg190

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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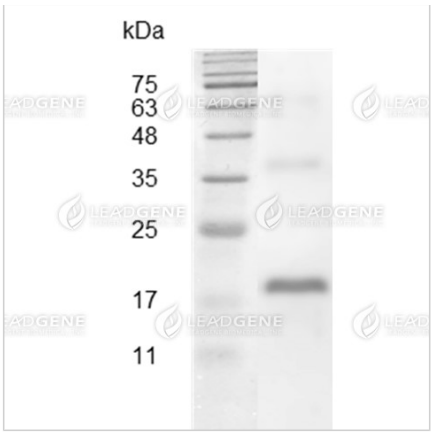

SDS-PAGE analysis of recombinant swine VEGF.

Disclaimer : For Research Use or Further Manufacturing Only.

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