

## Swine VEGF, His Tag, E. coli

<b>Catalog Number</b>	LDG007PSE
<b>Package</b>	5 µg / 20 µg / 100 µg / Customized package

For full product information, images and publications, please visit [our website](#).



### Specifications

#### Species of Origin

Swine

#### 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

#### Buffer

Lyophilized from a 0.2 µm filtered solution of PBS, pH 8.0.

#### 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).

#### Form

Lyophilized

### Background

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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 involved 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<sub>2</sub>O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.

**Stability & Storage**

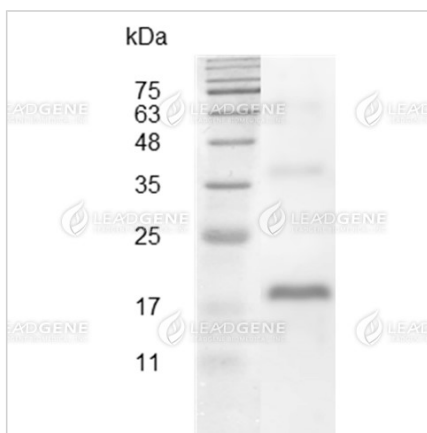
This product is stable after storage at:

- -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 swine VEGF.

**Disclaimer** : For Research Use or Further Manufacturing Only.

**Tainan Headquarter**

+886-6-2536677

bd@leadgene.com.tw

**Innovation & Research Center**

+886-2-27065528

**CLD Center**

+886-6-2536677

**Tainan Headquarter**

☎ +886-6-2536677

✉ [bd@leadgene.com.tw](mailto:bd@leadgene.com.tw)

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