

Mouse VEGF164, His Tag, CHO

Catalog Number	LDG042PMM
Package	5 µg / 20 µg / 100 µg / Customized package

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



Specifications

Species of Origin

Human

Affinity Tag

His Tag (N-term)

Purity

>95% as determined by SDS-PAGE analysis.

Endotoxin level

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

Form

Lyophilized

Expression system

CHO

Buffer

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

Molecular weight

The protein has a calculated MW of 20.1 kDa.
The protein migrates as 16-28 kDa under reducing condition (SDS-PAGE analysis).

Mycoplasma

Not detected.

Background

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Vascular Endothelial Growth Factor 164 (VEGF164) is an isoform of VEGF-A, a key mediator of angiogenesis. It promotes blood vessel formation, contributing to tissue growth and repair, but is also implicated in tumor growth and metastasis.

Synonyms

Vascular endothelial growth factor A, long form, L-VEGF, Vascular permeability factor, VPF, N-VEGF, VEGFA

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Uniprot ID

Q00731-2

Sequence Note

Ala27-Arg190

Instruction**Reconstitution**

It is recommended to reconstitute the lyophilized protein in sterile H₂O 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:

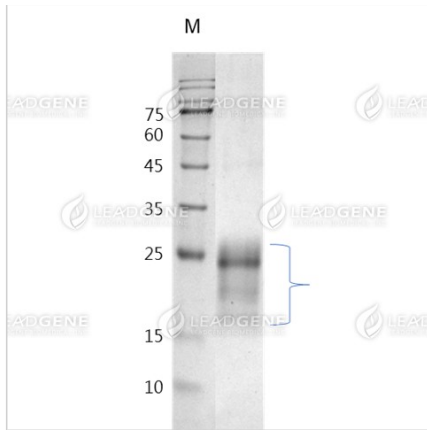
- -20°C for 12 months in lyophilized state from date of receipt.
- -20°C or -80°C for 1 month under sterile conditions after reconstitution.

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.

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SDS-PAGE analysis of recombinant mouse VEGF164.

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