LEADGENE
LEADGENE BIOMEDICAL, INC.

Datasheet

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

Expression System

CHO

Affinity Tag

His Tag (N-term)

Storage Buffer

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

Purity

>95% as determined by SDS-PAGE analysis.

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).

Endotoxin Level

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

Mycoplasma

Not detected.

Form

Lyophilized

Background

Background

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 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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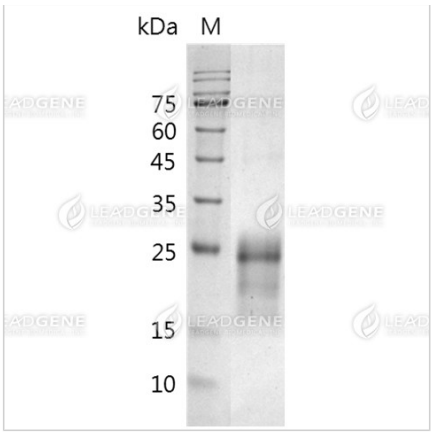

SDS-PAGE analysis of recombinant mouse VEGF164.

Disclaimer : For Research Use or Further Manufacturing Only.

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