

For Research Use Only

Recombinant Mouse VEGFD protein (His Tag)



Catalog Number: Eg0273

Basic Information

Species:
Mouse

Purity:
>90 %, SDS-PAGE

Tag:
His Tag

Technical Specifications

Purity:

>90 %, SDS-PAGE

Endotoxin Level:

<1.0 EU/ µg protein, LAL method

Source:

HEK293-derived Mouse VEGFD protein Phe98-Ser206(Accession# P97946) with a His tag at the C-terminus.

GeneID:

14205

Accession:

P97946

Predicted Molecular Mass:

16.6 kDa

SDS-PAGE:

Formulation:

Lyophilized from sterile PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.

Biological Activity

Not tested

Storage and Shipping

Storage:

It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

- Until expiry date, -20°C to -80°C as lyophilized proteins.
- 3 months, -20°C to -80°C under sterile conditions after reconstitution.

Shipping:

The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.

Reconstitution

Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.

Background

Vascular endothelial growth factor-D (VEGF-D) is a secreted glycoprotein that can activate VEGF receptors on the endothelium, is a mitogen for endothelial cells and promotes the growth and remodeling of blood vessels and lymphatic vessels. These vessels are located in many parts of the body and participate in a wide variety of prevalent human diseases. It is, therefore, not surprising that VEGF-D has been implicated in a multitude of disease processes from pulmonary indications to cancer.

References

1. Stacker, S A et al. Nature medicine vol. 7,2 (2001): 186-91.
2. Achen, M G et al. Proceedings of the National Academy of Sciences of the United States of America vol. 95,2 (1998): 1024-1029.
3. Stacker, Steven A, and Marc G Achen. Biomolecules vol. 8,1 1.

Synonyms

Figf, c fos induced growth factor, Vascular endothelial growth factor D, VEGF D, VEGF-D

Selected Validation Data

For technical support and original validation data for this product please contact

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