

RP00593

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## Recombinant Mouse VEGF-D/FIGF Protein

Catalog No.: RP00593

Recombinant

### Sequence Information

Species	Gene ID	Swiss Prot
Mouse	14205	P97946

#### Tags

C-6×His

#### Synonyms

Vascular endothelial growth factor D; c-Fos-induced growth factor; FIGF; VEGFD;

### Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

#### Endotoxin

< 0.1 EU/μg of the protein by LAL method.

#### Formulation

Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

#### Reconstitution

Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

### Background

Mouse vascular endothelial growth factor D, (VEGFD) is a member of the platelet-derived growth factor/vascular endothelial growth factor (PDGF/VEGF) family. VEGFD is a secreted protein and highly expressed in fetal and adult lung. It undergoes a complex proteolytic maturation, generating multiple processed forms that bind and activate VEGFR-2 and VEGFR-3 receptors. The structure and function of this protein is similar to VEGFC. VEGFD is growth factor which active in angiogenesis, lymphangiogenesis, and endothelial cell growth, stimulating their proliferation and migration and also has effects on the permeability of blood vessels.

### Basic Information

#### Description

Recombinant Mouse VEGF-D Protein is produced by Human cells expression system. The target protein is expressed with sequence (Phe98-Ser206) of mouse VEGF-D (Accession #P97946) fused with a 6×His tag at the C-terminus.

#### Bio-Activity

#### Storage

Store the lyophilized protein at -20 °C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

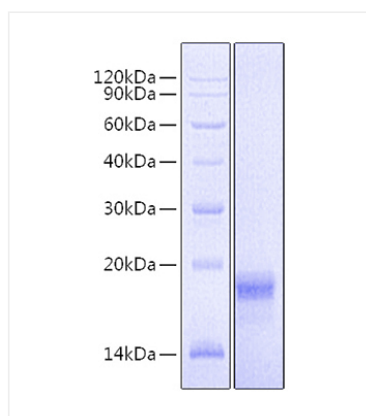
### Contact



[www.abclonal.com](http://www.abclonal.com)

## Validation Data

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Recombinant Mouse VEGF-D Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.