

# Mouse FIGF/VEGF-D (His Tag) recombinant protein



Catalog Number: 503314

## General Information

### Gene Name Synonym

c-Fos-induced growth factor

### Protein Construction

A DNA sequence encoding the mouse FIGF (P97946) (Phe98-Ser206) was expressed with a C-terminal polyhistidine tag.

### Organism

Mouse

### Expression Host

Human Cells

## QC Testing

### Activity

Measured by its ability to bind with mouse FLT4-Fc (Cat:502816) in a functional ELISA.

### Purity

> 95 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu$ g of the protein as determined by the LAL method

### Stability

Samples are stable for up to twelve months from date of receipt at -70°C

### Predicted N terminal

Phe 98

### Molecular Mass

The recombinant mouse FIGF comprises 120 amino acids and has a predicted molecular mass of 14 kDa. The apparent molecular mass of the protein is approximately 22 kDa in SDS-PAGE under reducing conditions due to glycosylation.

### Formulation

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

## Usage Guide

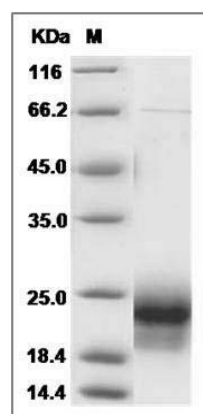
### Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



Mouse VEGF-D / VEGFD / FIGF Protein (His Tag)  
SDS-PAGE