

Datasheet for ABIN7320682

**VEGFD Protein (His tag)****1** Image[Go to Product page](#)

## Overview

Quantity:	50 µg
Target:	VEGFD (Figf)
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This VEGFD protein is labelled with His tag.

## Product Details

Purpose:	Recombinant Mouse VEGF-D/VEGFD Protein (His Tag)
Sequence:	Phe98-Ser206
Characteristics:	Recombinant Mouse Vascular Endothelial Growth Factor D is produced by our Mammalian expression system and the target gene encoding Phe98-Ser206 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

## Target Details

Target:	VEGFD (Figf)
Alternative Name:	VEGF-D/VEGFD ( <a href="#">Figf Products</a> )
Background:	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

## Target Details

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.

Synonym: Vascular endothelial growth factor D, c-Fos-induced growth factor, FIGF, VEGFD,

Molecular Weight: 13.1 kDa

UniProt: [P97946](#)

Pathways: [RTK Signaling](#)

## Application Details

Restrictions: For Research Use only

## Handling

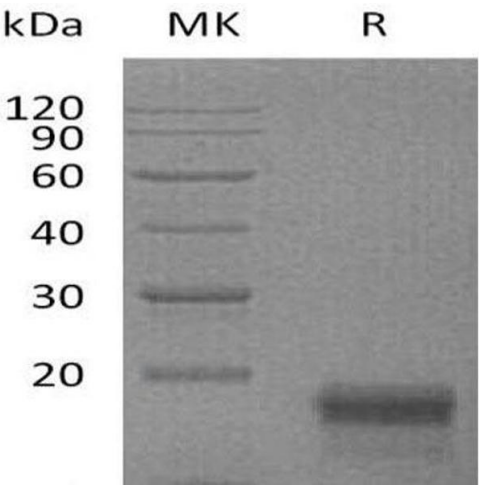
Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.



Western Blotting

Image 1.