

Datasheet for ABIN7319170 **VEGFD Protein (His tag)**



[Go to Product page](#)

Overview

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

Product Details

Purpose:	Recombinant Human VEGF-D/VEGFD Protein (His Tag)
Sequence:	Phe93-Ser201
Characteristics:	Recombinant Human Vascular Endothelial Growth Factor D is produced by our Mammalian expression system and the target gene encoding Phe93-Ser201 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing 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 (Figf Products)
Background:	Background: Vascular endothelial growth factor D (VEGF-D) is a member of the platelet-derived growth factor/vascular endothelial growth factor (PDGF/VEGF) family. It is highly expressed in

Target Details

lung, heart, small intestine and fetal lung, and at lower levels in skeletal muscle, colon, and pancreas. VEGF-D is growth factor active in angiogenesis, lymphangiogenesis and endothelial cell growth, stimulating their proliferation and migration and also has effects on the permeability of blood vessels. It may function in the formation of the venous and lymphatic vascular systems during embryogenesis, and also in the maintenance of differentiated lymphatic endothelium in adults. It undergoes a complex proteolytic maturation, generating multiple processed forms that bind and activate VEGFR-2 and VEGFR-3 receptors.

Synonym: Vascular Endothelial Growth Factor D, VEGF-D, c-Fos-Induced Growth Factor, FIGF, VEGFD

Molecular Weight: 12.2 kDa

UniProt: [O43915](#)

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.