

Datasheet for ABIN1001211
VEGF Protein (AA 27-191) (His tag)



[Go to Product page](#)

Overview

Quantity:	10 µg
Target:	VEGF
Protein Characteristics:	AA 27-191
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This VEGF protein is labelled with His tag.
Application:	Western Blotting (WB), Control (Ct)

Product Details

Purpose:	Vascular Endothelial Growth Factor (VEGF) (Western Blot Control)
Sequence:	APMAEGGGQN HHEVVKFMDV YQRSYCHPIE TLVDIFQEYP APMAEGGGQN HHEVVKFMDV YQRSYCHPIE TLVDIFQEYP APMAEGGGQN HHEVVKFMDV YQRSYCHPIE TLVDIFQEYP APMAEGGGQN HHEVVKFMDV YQRSYCHPIE TLVDIFQEYP DKPRR
Characteristics:	recombinant VEGF (165) comprises a 165 amino acid fragment (27-191) corresponding to the VEGF 165 isoform and is expressed in E. coli with an aminoterminal hexahistidine tag.
Purity:	> 95 %

Target Details

Target:	VEGF
Alternative Name:	Vascular Endothelial Growth Factor (VEGF Products)

Target Details

Background: VEGF is a heparin-binding glycoprotein, which can exist in a number of different isoforms. The protein has been found to be a potent inducer of angiogenesis and endothelial cell proliferation and plays an important role in regulating vasculogenesis. VEGF can be detected in both the plasma and serum and has been implicated in several disease states associated with augmented angiogenesis.,Vascular endothelial growth factor, VEGFA, Gliomaderived growth endothelial growth factor (GD-VEGF), Vasculotrophin (VAS), Vascular endothelial cell proliferation factor, Vascular permeability factor (VPF).

Molecular Weight: 23.63 kDa

UniProt: [P15692](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Supplied in 1x Laemmli Buffer (25 mM Tris-HCl pH 6.8, 50 mM DTT, 1 % (w/v) SDS, 0.1 % (w/v) Bromophenol Blue, 2.5 % Glycerol).

Preservative: Dithiothreitol (DTT)

Precaution of Use: This product contains Dithiothreitol (DTT): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20 °C