



VEGF (165)

Human, Recombinant, *E. coli*

Cat. No.: RCP9245

Size: 10µg

Synonym: Vascular endothelial growth factor, VEGFA, Glioma-derived growth endothelial growth factor (GD-VEGF), Vasculotrophin (VAS), Vascular endothelial cell proliferation factor, Vascular permeability factor (VPF).

Description: 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.

RANDOX recombinant VEGF (165) comprises a 165 amino acid fragment (5-169) corresponding to the VEGF 165 isoform and is expressed in *E. coli* with an amino-terminal hexahistidine tag. This product is for research use only and is not intended for diagnostic or therapeutic use.

Form: Liquid.
Supplied in 1x Laemmli Buffer (25mM Tris-HCl pH6.8, 50mM DTT, 1%(w/v) SDS, 0.1%(w/v) Bromophenol Blue, 2.5% Glycerol).

Purity: Single band on Western blot.

References: Ferrara, N. (1999) *Curr. Top. Microbial. Immunol.* **237**: 1-30.

Banks, R.E. (1998) *Br. J. Cancer* **77 (6)**: 956-964.