



Human Vascular Endothelial Growth Factor (aa 165) (DAG304)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Recombinant Human VEGFA is a double, non-glycosylated, polypeptide chain containing 165 amino acids and having a molecular weight of 38,231 Da, was expressed in E.coli. The sequence of the first five N-terminal amino acids was determined to be Ala-Pro-Met-Ala
Antigen Description	Vascular endothelial growth factor (VEGF) is a signal protein produced by cells that stimulates vasculogenesis and angiogenesis. It is part of the system that restores the oxygen supply to tissues when blood circulation is inadequate.
Species	Human
Conjugate	Unconjugated
Applications	Biological activity is determined by dose-dependent stimulation of the proliferation of human umbilical vein endothelial cells (HUVEC) using a concentration range of 1.0-8.0 ng/ml. Each laboratory should determine an optimum working titer for use in its particular
Format	Purified, Lyophilized. Reconstitute using sterile deionized water to a concentration 100 µg/ml. Further dilutions can be made in other aqueous buffers.
Concentration	1 mg/ml (OD _{280nm} , E _{0.1%} = 0.2875) (prior to lyophilization)
Buffer	Not applicable
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Keywords

VEGFA; vascular endothelial growth factor A; VPF; VEGF; MVCD1; VEGF-A; MGC70609; vascular permeability factor; vascular endothelial growth factor isoform VEGF165
